Table S6. Gene Ontology (GO) enrichment analysis results for GRIA2-associated genes in neuroblasto

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ONTOLOGY,"ID","Description","setSize","enrichmentScore","NES","pvalue","p.adjust","qvalue","ranl
CC,"GO:0043202","lysosomal lumen",94,-0.616102908465772,-3.15282813944104,1e-10,3.9106796
BP,"GO:0048002","antigen processing and presentation of peptide antigen",58,-0.650277014558019
CC,"GO:0005775","vacuolar lumen",166,-0.530190054008976,-3.04461612722882,1e-10,3.9106796
BP,"GO:0002548","monocyte chemotaxis",65,-0.616384117562907,-3.00941792118928,1e-10,3.910
MF,"GO:0005201","extracellular matrix structural constituent",169,-0.516006369589925,-2.986637
BP,"GO:0019882","antigen processing and presentation",101,-0.576582346623925,-2.98617232912
BP,"GO:0034341","response to interferon-gamma",136,-0.531758655843648,-2.97472361832786,1
MF,"GO:0003735","structural constituent of ribosome",158,-0.513843872446628,-2.946498932176
CC,"GO:0005788","endoplasmic reticulum lumen",302,-0.496159094470598,-2.91860066288588,1e
BP,"GO:0050900","leukocyte migration",365,-0.459967852580312,-2.89524582908959,1e-10,3.910
MF,"GO:0140375","immune receptor activity",141,-0.513135928823918,-2.88724001416174,1e-10,
BP,"GO:0060326","cell chemotaxis",292,-0.48930563564879,-2.84787833596476,1e-10,3.91067961
BP,"GO:0071674","mononuclear cell migration",188,-0.491151259748323,-2.84764519535295,1e-1
BP,"GO:0032612","interleukin-1 production",108,-0.531917529450268,-2.83762273094116,1e-10,3.
BP,"GO:0032652","regulation of interleukin-1 production",108,-0.531917529450268,-2.837622730
BP,"GO:0030595","leukocyte chemotaxis",222,-0.493549409415509,-2.83184518627486,1e-10,3.91
CC,"GO:0022626","cytosolic ribosome",99,-0.548056993210615,-2.82735100798112,1e-10,3.91067
BP,"GO:1990266","neutrophil migration",122,-0.516146727076708,-2.8244345326738,1e-10,3.9106
BP,"GO:0002685","regulation of leukocyte migration",208,-0.484424822315312,-2.81859000638985
BP,"GO:0030199","collagen fibril organization",60,-0.587861722115097,-2.81810496510601,1e-10,3
BP,"GO:0071222","cellular response to lipopolysaccharide",197,-0.48766656100006,-2.8145989418
MF,"GO:0005518","collagen binding",66,-0.571287996347568,-2.81333594093355,1e-10,3.9106796
BP,"GO:0032677","regulation of interleukin-8 production",82,-0.555246201444196,-2.807155139480
BP,"GO:0097529","myeloid leukocyte migration",214,-0.478623627645973,-2.79975499595083,1e-1
BP,"GO:0071219","cellular response to molecule of bacterial origin",205,-0.483957050508459,-2.793
BP,"GO:0097530","granulocyte migration",147,-0.490912459442567,-2.79245312321844,1e-10,3.91
BP,"GO:0002237","response to molecule of bacterial origin",326,-0.457503384760331,-2.790996472
CC,"GO:0005766","primary lysosome",146,-0.491330957771433,-2.77560197581991,1e-10,3.91067
CC,"GO:0042582","azurophil granule",146,-0.491330957771433,-2.77560197581991,1e-10,3.910679
BP,"GO:0032637","interleukin-8 production",83,-0.549238386975958,-2.76664739084026,1e-10,3.9
BP,"GO:0032611","interleukin-1 beta production",92,-0.541017115348302,-2.75843765123798,1e-1
BP,"GO:0032651","regulation of interleukin-1 beta production",92,-0.541017115348302,-2.7584376
BP,"GO:0032496","response to lipopolysaccharide",310,-0.455912209650644,-2.75525417991288,1
BP,"GO:0030198","extracellular matrix organization",296,-0.464677035576936,-2.7338081342681,1
BP,"GO:0046718","viral entry into host cell",141,-0.485723224745767,-2.73299812294938,1e-10,3.9
MF,"GO:0005178","integrin binding",147,-0.480012215422424,-2.73044935885594,1e-10,3.910679
BP,"GO:1990868","response to chemokine",95,-0.530742032653777,-2.72123267232484,1e-10,3.91
BP,"GO:1990869","cellular response to chemokine",95,-0.530742032653777,-2.72123267232484,1e
BP,"GO:0002687","positive regulation of leukocyte migration",137,-0.481262443948121,-2.7156291
CC,"GO:0044391","ribosomal subunit",173,-0.468957655412994,-2.71305927114237,1e-10,3.91067
BP,"GO:0032635","interleukin-6 production",140,-0.476222611153561,-2.70648161304542,1e-10,3.
BP,"GO:0032675","regulation of interleukin-6 production",140,-0.476222611153561,-2.706481613
BP,"GO:0050729","positive regulation of inflammatory response",130,-0.488930781495721,-2.6998
BP,"GO:0043062","extracellular structure organization",297,-0.462769427910622,-2.699105955058
BP,"GO:0032602","chemokine production",91,-0.528735952659798,-2.69842541712517,1e-10,3.91
MF,"GO:0019955","cytokine binding",138,-0.478249751466046,-2.69710822245639,1e-10,3.910679
BP,"GO:0050921","positive regulation of chemotaxis",138,-0.477483508197079,-2.69278696350164
BP,"GO:0042116","macrophage activation",97,-0.527286807697334,-2.68723969908495,1e-10,3.91
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BP,"GO:0071346","cellular response to interferon-gamma",115,-0.50220761407677,-2.68634305488
BP,"GO:0045229","external encapsulating structure organization",299,-0.462029841326796,-2.6856
BP,"GO:0032642","regulation of chemokine production",90,-0.523775536947756,-2.6805618669307
BP,"GO:0071216","cellular response to biotic stimulus",230,-0.462808572717003,-2.6765434370137
MF,"GO:0009055","electron transfer activity",109,-0.50039901087427,-2.66758817560544,1e-10,3.
BP,"GO:0032755","positive regulation of interleukin-6 production",90,-0.5208856248196,-2.665771
BP,"GO:0071621","granulocyte chemotaxis",122,-0.486648714505274,-2.66301685630128,1e-10,3.
BP,"GO:0044409","entry into host",148,-0.467604854988479,-2.65379344310358,1e-10,3.9106796
BP,"GO:0002683","negative regulation of immune system process",394,-0.410354467990545,-2.645
BP,"GO:0050867","positive regulation of cell activation",339,-0.422015338504956,-2.637344665250
BP,"GO:0070098","chemokine-mediated signaling pathway",88,-0.516130395810553,-2.633972687
CC,"GO:0070820","tertiary granule",160,-0.453942241849577,-2.62929785791016,1e-10,3.9106796
MF,"GO:0019838","growth factor binding",131,-0.473565314480062,-2.62249265246633,1e-10,3.91
BP,"GO:0030593","neutrophil chemotaxis",101,-0.506082807839246,-2.62104881612014,1e-10,3.9
BP,"GO:0002688","regulation of leukocyte chemotaxis",119,-0.479366251493353,-2.612232914334
BP,"GO:0002274","myeloid leukocyte activation",218,-0.450869702664683,-2.60579997101653,1e-
CC,"GO:0034774","secretory granule lumen",314,-0.429722603920263,-2.59662006718157,1e-10,3.
CC,"GO:0031983","vesicle lumen",319,-0.427497221950113,-2.59419528447384,1e-10,3.910679611
BP,"GO:0050777","negative regulation of immune response",170,-0.446817148228924,-2.59083645
BP,"GO:0052126","movement in host environment",172,-0.446555857083044,-2.58918127645184,1
BP,"GO:0048660","regulation of smooth muscle cell proliferation",132,-0.46512551135154,-2.58345
BP,"GO:0050727","regulation of inflammatory response",335,-0.413695992844445,-2.57594791974
BP,"GO:0002460","adaptive immune response based on somatic recombination of immune receptor
CC,"GO:0101002","ficolin-1-rich granule",181,-0.44545262234979,-2.57299552871757,1e-10,3.9106
CC,"GO:0060205","cytoplasmic vesicle lumen",317,-0.426697659487144,-2.56923318828995,1e-10,
BP,"GO:1903039","positive regulation of leukocyte cell-cell adhesion",236,-0.438583020360375,-2.5
BP,"GO:0032609","interferon-gamma production",113,-0.47172953541413,-2.55190710244046,1e-
BP,"GO:0032649","regulation of interferon-gamma production",113,-0.47172953541413,-2.5519071
BP,"GO:0002696","positive regulation of leukocyte activation",327,-0.416880783427134,-2.5476986
BP,"GO:0071706","tumor necrosis factor superfamily cytokine production",160,-0.438980910149019
BP,"GO:1903555","regulation of tumor necrosis factor superfamily cytokine production",160,-0.4389
BP,"GO:1903557","positive regulation of tumor necrosis factor superfamily cytokine production",102
MF,"GO:0005125","cytokine activity",230,-0.439386142272441,-2.54108537469382,1e-10,3.910679
BP,"GO:0032760","positive regulation of tumor necrosis factor production",98,-0.495364686652232
CC,"GO:0009897","external side of plasma membrane",365,-0.402384344941747,-2.5327891717826
CC,"GO:0015934","large ribosomal subunit",109,-0.474605727333898,-2.5300861888167,1e-10,3.91
BP,"GO:0032640","tumor necrosis factor production",155,-0.441270079288806,-2.52429664890603
BP,"GO:0032680","regulation of tumor necrosis factor production",155,-0.441270079288806,-2.524
BP,"GO:0007159","leukocyte cell-cell adhesion",358,-0.396876863808004,-2.51580480603017,1e-1
BP,"GO:0048659","smooth muscle cell proliferation",134,-0.450977749436541,-2.51457794272286,
BP,"GO:0032946","positive regulation of mononuclear cell proliferation",140,-0.440224921000874,-
MF,"GO:0008083","growth factor activity",154,-0.4378543446762,-2.50012270256287,1e-10,3.9106
BP,"GO:0030168","platelet activation",129,-0.451608344773484,-2.49886885950878,1e-10,3.91067
BP,"GO:0050870","positive regulation of T cell activation",215,-0.425819151689875,-2.4977713660
BP,"GO:0022409","positive regulation of cell-cell adhesion",280,-0.429167300328957,-2.496198711
BP,"GO:0010811","positive regulation of cell-substrate adhesion",119,-0.457185615918461,-2.4913
BP,"GO:0019724","B cell mediated immunity",137,-0.441003590620881,-2.48845975139545,1e-10,
BP,"GO:0070665","positive regulation of leukocyte proliferation",153,-0.437070610697483,-2.4837
BP,"GO:0072676","lymphocyte migration",112,-0.462039822640667,-2.47251190731434,1e-10,3.91
BP,"GO:0070663","regulation of leukocyte proliferation",244,-0.419906981760527,-2.47143181474

BP,"GO:0045766","positive regulation of angiogenesis",155,-0.431754328908759,-2.4698615581904
BP,"GO:1904018","positive regulation of vasculature development",155,-0.431754328908759,-2.469
BP,"GO:0071356","cellular response to tumor necrosis factor",212,-0.421862011574031,-2.4634243
BP,"GO:0045765","regulation of angiogenesis",262,-0.425816175253002,-2.46319892073323,1e-10,
BP,"GO:0070374","positive regulation of ERK1 and ERK2 cascade",200,-0.428074528060711,-2.4560
BP,"GO:1901342","regulation of vasculature development",266,-0.421230781788465,-2.450490558
BP,"GO:0050671","positive regulation of lymphocyte proliferation",138,-0.4332001718344,-2.44304
BP,"GO:0022900","electron transport chain",146,-0.432294324302497,-2.44209521441946,1e-10,3.
BP,"GO:0043542","endothelial cell migration",205,-0.422671224694111,-2.4395632495227,1e-10,3.
BP,"GO:0002526","acute inflammatory response",110,-0.461130530304369,-2.43563109238597,1e-
BP,"GO:0046631","alpha-beta T cell activation",155,-0.424587506239536,-2.4288635678522,1e-10,
BP,"GO:0016064","immunoglobulin mediated immune response",134,-0.435603201965976,-2.4288
BP,"GO:0001818","negative regulation of cytokine production",263,-0.415133450369956,-2.418487
BP,"GO:0002443","leukocyte mediated immunity",368,-0.383848588267894,-2.41720851891302,1e
BP,"GO:0070555","response to interleukin-1",131,-0.436093107886142,-2.41498043934712,1e-10,3
BP,"GO:0050866","negative regulation of cell activation",202,-0.418896903701775,-2.41466914589
BP,"GO:0007599","hemostasis",224,-0.417949846727505,-2.41459612481476,1e-10,3.9106796116
BP,"GO:0006959","humoral immune response",224,-0.417908658049097,-2.41435816797843,1e-10
BP,"GO:0032944","regulation of mononuclear cell proliferation",225,-0.414724357598532,-2.40555
BP,"GO:0007596","blood coagulation",218,-0.415531285766908,-2.40156170620574,1e-10,3.91067
BP,"GO:0010594","regulation of endothelial cell migration",158,-0.4187921485746,-2.40145048865
BP,"GO:0031348","negative regulation of defense response",220,-0.413417228697285,-2.40007924
BP,"GO:0006909","phagocytosis",225,-0.412756740232239,-2.39414028176469,1e-10,3.910679611
BP,"GO:0051701","biological process involved in interaction with host",186,-0.412706340890557,-2.
BP,"GO:1902107","positive regulation of leukocyte differentiation",153,-0.419812990237581,-2.385
BP,"GO:1903708","positive regulation of hemopoiesis",153,-0.419812990237581,-2.3856383069553
BP,"GO:1903037","regulation of leukocyte cell-cell adhesion",322,-0.390420611499879,-2.37174965
BP,"GO:0051251","positive regulation of lymphocyte activation",285,-0.404786840564256,-2.37131
BP,"GO:0042129","regulation of T cell proliferation",167,-0.411299978542551,-2.3681238648975,1e
BP,"GO:0050670","regulation of lymphocyte proliferation",222,-0.411367345383627,-2.3603080352
BP,"GO:0002695","negative regulation of leukocyte activation",180,-0.406981032680208,-2.346202
MF,"GO:0005126","cytokine receptor binding",260,-0.402600402048189,-2.33981897554344,1e-10,
BP,"GO:0050817","coagulation",222,-0.407458990890775,-2.33788301626159,1e-10,3.9106796116
BP,"GO:0050920","regulation of chemotaxis",213,-0.399262314544236,-2.33709563644408,1e-10,3
CC,"GO:0042581","specific granule",158,-0.405618016494779,-2.325906985682,1e-10,3.910679611
BP,"GO:0001906","cell killing",171,-0.398085661936897,-2.30748952359107,1e-10,3.91067961165
BP,"GO:0070372","regulation of ERK1 and ERK2 cascade",282,-0.392593508548209,-2.30551557133
BP,"GO:0070371","ERK1 and ERK2 cascade",305,-0.382604120890903,-2.29679993798633,1e-10,3.9
BP,"GO:0034612","response to tumor necrosis factor",231,-0.392009642403712,-2.2786434304506
BP,"GO:0002449","lymphocyte mediated immunity",277,-0.390221163622844,-2.27429486557254,
BP,"GO:0050878","regulation of body fluid levels",375,-0.350676719081259,-2.2686539835183,1e-1
BP,"GO:0070661","leukocyte proliferation",320,-0.374555203454256,-2.26726979647532,1e-10,3.9
BP,"GO:0042098","T cell proliferation",197,-0.392040566528385,-2.26268736052152,1e-10,3.91067
BP,"GO:0032102","negative regulation of response to external stimulus",372,-0.348946741268712,-
CC,"GO:0005840","ribosome",202,-0.390758160047751,-2.25246752657962,1e-10,3.91067961165
BP,"GO:0044403","biological process involved in symbiotic interaction",276,-0.380735770608621,-2.
CC,"GO:0030666","endocytic vesicle membrane",187,-0.386866943497385,-2.23762116004865,1e-1
BP,"GO:0002697","regulation of immune effector process",333,-0.361217633476415,-2.2313520252
BP,"GO:0033002","muscle cell proliferation",183,-0.386791957926673,-2.22709986203078,1e-10,3.
BP,"GO:0051216","cartilage development",183,-0.386396046171849,-2.22482025151543,1e-10,3.9

MF,"GO:0004386","helicase activity",149,0.517586509710285,2.21701466730769,1e-10,3.9106796
BP,"GO:0050863","regulation of T cell activation",327,-0.362274928272751,-2.21398391954166,1e-
BP,"GO:0050673","epithelial cell proliferation",383,-0.34353726445368,-2.21223651795898,1e-10,3
CC,"GO:0030667","secretory granule membrane",298,-0.376773218234695,-2.2025601055091,1e-1
BP,"GO:0061448","connective tissue development",243,-0.374054147516111,-2.19715261763195,1
MF,"GO:0005539","glycosaminoglycan binding",219,-0.379497409443845,-2.19607103696084,1e-1
MF,"GO:0042393","histone binding",238,0.491825704019986,2.18713979837808,1e-10,3.91067961
MF,"GO:0030246","carbohydrate binding",258,-0.373360721305969,-2.18106653986048,1e-10,3.91
MF,"GO:0061134","peptidase regulator activity",219,-0.375684830089065,-2.17400844868279,1e-1
BP,"GO:0002440","production of molecular mediator of immune response",203,-0.38064767232609
BP,"GO:0042742","defense response to bacterium",257,-0.36742685942494,-2.14773858459496,1e
CC,"GO:0030139","endocytic vesicle",334,-0.34616011510597,-2.14301879683216,1e-10,3.9106796
BP,"GO:0002573","myeloid leukocyte differentiation",205,-0.370822342542148,-2.1403031626353,
BP,"GO:0010631","epithelial cell migration",283,-0.362189841415333,-2.13205174261896,1e-10,3.9
BP,"GO:0032943","mononuclear cell proliferation",292,-0.36627550508134,-2.13181292002206,1e-
BP,"GO:0010632","regulation of epithelial cell migration",217,-0.365520405934292,-2.12941356454
BP,"GO:0046651","lymphocyte proliferation",288,-0.364914273051204,-2.12680482308405,1e-10,3
BP,"GO:2001233","regulation of apoptotic signaling pathway",347,-0.339390213377341,-2.1262885
BP,"GO:0001649","osteoblast differentiation",215,-0.362159479188018,-2.12435625185105,1e-10,3
MF,"GO:0140097","catalytic activity, acting on DNA",209,0.482078944041638,2.12286928204516,1
BP,"GO:0031589","cell-substrate adhesion",350,-0.338379365843572,-2.11825532705707,1e-10,3.9
BP,"GO:0019058","viral life cycle",302,-0.35972661235194,-2.11605176841171,1e-10,3.910679611
BP,"GO:0006325","chromatin organization",490,0.459318176641029,2.11374476423416,1e-10,3.91
BP,"GO:0090130","tissue migration",291,-0.362670489721103,-2.10984965495964,1e-10,3.910679
BP,"GO:0097191","extrinsic apoptotic signaling pathway",215,-0.359300354247581,-2.10758518746
BP,"GO:1902105","regulation of leukocyte differentiation",273,-0.35759923154594,-2.09280510091
BP,"GO:0090132","epithelium migration",286,-0.360016168613891,-2.09139730890761,1e-10,3.910
BP,"GO:0050678","regulation of epithelial cell proliferation",323,-0.344102208087868,-2.091071951
BP,"GO:0030336","negative regulation of cell migration",255,-0.353621195542008,-2.08414722525
BP,"GO:0033044","regulation of chromosome organization",199,0.470422083961735,2.0687811333
BP,"GO:0050730","regulation of peptidyl-tyrosine phosphorylation",249,-0.351238154901551,-2.061
CC,"GO:0098687","chromosomal region",320,0.455407771047041,2.0563878027786,1e-10,3.91067
BP,"GO:0031349","positive regulation of defense response",264,-0.354205746569934,-2.054521394
BP,"GO:0009615","response to virus",363,-0.322149264098257,-2.0282414746522,1e-10,3.910679
BP,"GO:1903706","regulation of hemopoiesis",343,-0.321430591291019,-2.00592386074194,1e-10,
BP,"GO:0006397","mRNA processing",448,0.436172900115678,2.00399222668863,1e-10,3.910679
BP,"GO:0098813","nuclear chromosome segregation",256,0.447570468972556,2.00351392350865,
BP,"GO:0043414","macromolecule methylation",289,0.444106082583879,2.00100703987169,1e-10
BP,"GO:0010466","negative regulation of peptidase activity",244,-0.339634912973107,-1.99897731
BP,"GO:0002366","leukocyte activation involved in immune response",273,-0.341017624489547,-1.9
BP,"GO:0000377","RNA splicing, via transesterification reactions with bulged adenosine as nucleoph
BP,"GO:0000398","mRNA splicing, via spliceosome",281,0.441608837187273,1.98660713770827,1e
BP,"GO:0002263","cell activation involved in immune response",276,-0.334995470815062,-1.97355
BP,"GO:0000375","RNA splicing, via transesterification reactions",285,0.437204984846897,1.968275
BP,"GO:0016570","histone modification",466,0.424955881294661,1.95315002148599,1e-10,3.9106
BP,"GO:2000146","negative regulation of cell motility",270,-0.336976160514947,-1.9525677910461
CC,"GO:0000151","ubiquitin ligase complex",290,0.432837712076365,1.95198345387377,1e-10,3.9
BP,"GO:0016032","viral process",398,-0.306368602910164,-1.94751331722201,1e-10,3.910679611
BP,"GO:0002764","immune response-regulating signaling pathway",384,-0.303881660788776,-1.934
BP,"GO:0007059","chromosome segregation",313,0.42785753480066,1.93219808605832,1e-10,3.9

MF,"GO:0106310","protein serine kinase activity",350,0.424913710520316,1.93051865788571,1e-1
BP,"GO:0051271","negative regulation of cellular component movement",278,-0.328283940773366,
BP,"GO:0032259","methylation",328,0.423044331362155,1.91182897313338,1e-10,3.91067961165
CC,"GO:0098857","membrane microdomain",316,-0.315276949951286,-1.90436567316346,1e-10,3
BP,"GO:0090287","regulation of cellular response to growth factor stimulus",278,-0.3260250314024
CC,"GO:0045121","membrane raft",315,-0.31330709636649,-1.89746835203507,1e-10,3.91067961
BP,"GO:0006281","DNA repair",476,0.41180193790049,1.89370809677398,1e-10,3.9106796116504
BP,"GO:0008380","RNA splicing",393,0.410742858253092,1.8750587457141,1e-10,3.910679611650
MF,"GO:0016887","ATP hydrolysis activity",296,0.424734190496266,1.91590632579812,1.0148375
BP,"GO:0046634","regulation of alpha-beta T cell activation",102,-0.476231447057206,-2.48351851
MF,"GO:0008094","ATP-dependent activity, acting on DNA",98,0.566083171363056,2.31587698073
MF,"GO:0008009","chemokine activity",48,-0.626791289856989,-2.88090520784578,1.1220104909
BP,"GO:0046635","positive regulation of alpha-beta T cell activation",67,-0.557070543753262,-2.733
BP,"GO:0071675","regulation of mononuclear cell migration",112,-0.456479983638783,-2.4427595€
BP,"GO:0030098","lymphocyte differentiation",374,-0.290887963415925,-1.88465423666306,1.326
BP,"GO:0050728","negative regulation of inflammatory response",140,-0.415901444095059,-2.3636
CC,"GO:0042611","MHC protein complex",22,-0.822175502522212,-3.02733239904979,1.42654282
BP,"GO:0032963","collagen metabolic process",91,-0.502090290308108,-2.56243819669078,1.5333
MF,"GO:0004674","protein serine/threonine kinase activity",415,0.391179812059028,1.789480046
CC,"GO:0005581","collagen trimer",85,-0.499895729261635,-2.53046211010742,1.5598019550103
CC,"GO:0005814","centriole",129,0.517619375259021,2.18186079976673,1.61994720236355e-10,5
CC,"GO:0045335","phagocytic vesicle",134,-0.426918765538201,-2.38042899566133,1.8304540986
BP,"GO:0002221","pattern recognition receptor signaling pathway",162,-0.392912821031561,-2.275
BP,"GO:0007249","I-kappaB kinase/NF-kappaB signaling",278,-0.319732126635533,-1.86595145756
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BP,"GO:0043123","positive regulation of I-kappaB kinase/NF-kappaB signaling",186,-0.37274976092
BP,"GO:0018205","peptidyl-lysine modification",363,0.402126246367816,1.82784900650304,2.2918
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BP,"GO:0003158","endothelium development",121,-0.442236187065763,-2.42640693078305,2.471
BP,"GO:0045861","negative regulation of proteolysis",327,-0.302450417091579,-1.84837621276203
CC,"GO:0000775","chromosome, centromeric region",196,0.460775026791753,2.02254368672495,
BP,"GO:0002698","negative regulation of immune effector process",112,-0.450316757834744,-2.40
BP,"GO:0002819","regulation of adaptive immune response",177,-0.382702763624073,-2.21071629
BP,"GO:0051250","negative regulation of lymphocyte activation",152,-0.402137209711959,-2.28424
BP,"GO:0002367","cytokine production involved in immune response",99,-0.468661906477159,-2.4
BP,"GO:0050764","regulation of phagocytosis",93,-0.490917506210696,-2.51117610053235,3.1488
BP,"GO:2000116","regulation of cysteine-type endopeptidase activity",219,-0.350086609160211,-2.
BP,"GO:0061138","morphogenesis of a branching epithelium",182,-0.372000921979592,-2.1480918
BP,"GO:0032757","positive regulation of interleukin-8 production",62,-0.575512181568252,-2.7943
BP,"GO:0042102","positive regulation of T cell proliferation",100,-0.471612424241669,-2.4363045€
BP,"GO:0002822","regulation of adaptive immune response based on somatic recombination of imm
BP,"GO:0018022","peptidyl-lysine methylation",122,0.519686662043155,2.17784408807583,5.3498
BP,"GO:0043534","blood vessel endothelial cell migration",111,-0.447501528549192,-2.3903990296
BP,"GO:0010810","regulation of cell-substrate adhesion",205,-0.353476938975466,-2.04018939425
BP,"GO:0010951","negative regulation of endopeptidase activity",235,-0.332056192305715,-1.9334
MF,"GO:0061135","endopeptidase regulator activity",186,-0.367104438521259,-2.1243183736215,
BP,"GO:2001242","regulation of intrinsic apoptotic signaling pathway",156,-0.393913327580588,-2.
CC,"GO:0022625","cytosolic large ribosomal subunit",56,-0.581340264081729,-2.74098575372317,7
CC,"GO:0098803","respiratory chain complex",76,-0.518348178315631,-2.60949165767559,7.64923
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MF,"GO:0015453","oxidoreduction-driven active transmembrane transporter activity",59,-0.567814
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BP,"GO:0010952","positive regulation of peptidase activity",179,-0.372424018748789,-2.154781048
BP,"GO:0022408","negative regulation of cell-cell adhesion",182,-0.366105222246503,-2.11404755
MF,"GO:0015631","tubulin binding",354,0.399766122625393,1.81726277728002,1.5200381262863
BP,"GO:1903900","regulation of viral life cycle",131,-0.408276018725496,-2.2609359818959,1.5370
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BP,"GO:0043122","regulation of I-kappaB kinase/NF-kappaB signaling",246,-0.326353397102276,-1.
BP,"GO:0051346","negative regulation of hydrolase activity",345,-0.287158647458822,-1.79864807
BP,"GO:0002831","regulation of response to biotic stimulus",327,-0.291605808512307,-1.78210116
CC,"GO:0005765","lysosomal membrane",379,-0.281577948193928,-1.81634426830713,1.9247752
CC,"GO:0098852","lytic vacuole membrane",379,-0.281577948193928,-1.81634426830713,1.92477
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BP,"GO:0016571","histone methylation",146,0.493016115038862,2.11398945929841,2.283641900
BP,"GO:0140546","defense response to symbiont",272,-0.312387935837418,-1.82020694811493,2.
CC,"GO:0035578","azurophil granule lumen",86,-0.484517766587544,-2.45609371431738,2.357485
BP,"GO:0048771","tissue remodeling",161,-0.382696529554718,-2.21525098902747,2.463790477
BP,"GO:0001763","morphogenesis of a branching structure",196,-0.355774869401774,-2.04847994
BP,"GO:0071347","cellular response to interleukin-1",105,-0.451735299757001,-2.37122441641133
BP,"GO:0002718","regulation of cytokine production involved in immune response",97,-0.46102281
MF,"GO:0048029","monosaccharide binding",71,-0.514383667060092,-2.59472856241733,2.93353
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BP,"GO:0045621","positive regulation of lymphocyte differentiation",104,-0.452171869275689,-2.36
BP,"GO:0002478","antigen processing and presentation of exogenous peptide antigen",36,-0.655492
BP,"GO:0043543","protein acylation",247,0.426664396868698,1.90297907846153,3.433058705236
CC,"GO:1904813","ficolin-1-rich granule lumen",124,-0.419265704484916,-2.30514809605921,3.588
BP,"GO:0051607","defense response to virus",271,-0.313340545986735,-1.82289597402532,3.6468
BP,"GO:0098754","detoxification",126,-0.406215946744429,-2.23728926022933,4.2816525776271
MF,"GO:0019787","ubiquitin-like protein transferase activity",437,0.375158628716548,1.71886169
BP,"GO:0006473","protein acetylation",206,0.438462367686258,1.9292298482676,4.36752048606
CC,"GO:0072562","blood microparticle",112,-0.428216226248926,-2.29151182738874,4.405473472
CC,"GO:0098798","mitochondrial protein-containing complex",237,-0.326729837846396,-1.901144
CC,"GO:0000793","condensed chromosome",232,0.435989581394149,1.93526556489566,4.460685
BP,"GO:0002253","activation of immune response",294,-0.302130512876987,-1.76851215594275,4
BP,"GO:0050731","positive regulation of peptidyl-tyrosine phosphorylation",185,-0.3585762310297
BP,"GO:0018393","internal peptidyl-lysine acetylation",166,0.461877562406579,1.99623968790277
MF,"GO:0004866","endopeptidase inhibitor activity",173,-0.36054920351635,-2.08588419020812,6
BP,"GO:0031663","lipopolysaccharide-mediated signaling pathway",60,-0.544960810386153,-2.612
CC,"GO:0005604","basement membrane",93,-0.462299665806424,-2.36478809040257,6.28896747
BP,"GO:0072593","reactive oxygen species metabolic process",207,-0.342775090129153,-1.989841
BP,"GO:0019646","aerobic electron transport chain",67,-0.515903550337138,-2.53174926306739,6
CC,"GO:0031248","protein acetyltransferase complex",92,0.537834095013729,2.18098819647335,6
CC,"GO:1902493","acetyltransferase complex",92,0.537834095013729,2.18098819647335,6.604391
BP,"GO:0002700","regulation of production of molecular mediator of immune response",156,-0.378

MF,"GO:0042379","chemokine receptor binding",63,-0.535022564158922,-2.60495772049772,6.67
BP,"GO:0002504","antigen processing and presentation of peptide or polysaccharide antigen via MH
BP,"GO:0018394","peptidyl-lysine acetylation",177,0.45820007697913,1.99267678636263,7.821157
CC,"GO:0070469","respirasome",84,-0.471238356648764,-2.38277572297734,7.85804544829205e-
CC,"GO:0032432","actin filament bundle",70,-0.509864135384629,-2.5544151195774,8.362724458
BP,"GO:0035710","CD4-positive, alpha-beta T cell activation",99,-0.43877761453412,-2.2635936519
BP,"GO:0046632","alpha-beta T cell differentiation",110,-0.425288364883465,-2.24631746689261,8
BP,"GO:0045333","cellular respiration",190,-0.348791006480247,-1.9936710400947,8.5712843509
BP,"GO:0045619","regulation of lymphocyte differentiation",175,-0.35522345474883,-2.058450485
BP,"GO:0042773","ATP synthesis coupled electron transport",74,-0.501658792994456,-2.52828386
BP,"GO:0042775","mitochondrial ATP synthesis coupled electron transport",74,-0.50165879299456
BP,"GO:0046596","regulation of viral entry into host cell",42,-0.630427287331118,-2.787550306615
CC,"GO:0031093","platelet alpha granule lumen",65,-0.520777334673536,-2.5426298297762,9.729
BP,"GO:0032729","positive regulation of interferon-gamma production",76,-0.492972263195637,-2.
BP,"GO:0006119","oxidative phosphorylation",103,-0.447091227308023,-2.31929649625742,1.034
BP,"GO:0044782","cilium organization",331,0.397263438990026,1.79582278848811,1.0335343680
BP,"GO:0050679","positive regulation of epithelial cell proliferation",188,-0.344853737699727,-1.99
BP,"GO:0022904","respiratory electron transport chain",94,-0.450192416026796,-2.3038023322220
MF,"GO:0030414","peptidase inhibitor activity",179,-0.356600391982121,-2.06322827687442,1.145
BP,"GO:0009636","response to toxic substance",221,-0.328684275946483,-1.89315955158334,1.14
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BP,"GO:1903311","regulation of mRNA metabolic process",279,0.406262949677966,1.82661950369
BP,"GO:0002456","T cell mediated immunity",104,-0.439718136546416,-2.29844511893927,1.2244
BP,"GO:0007178","transmembrane receptor protein serine/threonine kinase signaling pathway",344
BP,"GO:0032722","positive regulation of chemokine production",68,-0.510071489400646,-2.536209
BP,"GO:0034446","substrate adhesion-dependent cell spreading",106,-0.431787413841262,-2.2761
BP,"GO:0045667","regulation of osteoblast differentiation",117,-0.418497983590513,-2.251349761
BP,"GO:0072012","glomerulus vasculature development",26,-0.712888584181616,-2.734945195974
BP,"GO:0045824","negative regulation of innate immune response",69,-0.49904471303598,-2.47733
BP,"GO:0006475","internal protein amino acid acetylation",168,0.460736355074937,1.99267562194
BP,"GO:0046638","positive regulation of alpha-beta T cell differentiation",49,-0.588370496903071,-
BP,"GO:0002224","toll-like receptor signaling pathway",115,-0.41714923029675,-2.2313599122111
BP,"GO:0010950","positive regulation of endopeptidase activity",161,-0.368290282986732,-2.13185
CC,"GO:0031461","cullin-RING ubiquitin ligase complex",167,0.45629398576065,1.97172440769357
BP,"GO:0048705","skeletal system morphogenesis",222,-0.324840823647743,-1.86384362984412,1
BP,"GO:0002690","positive regulation of leukocyte chemotaxis",92,-0.455975079076818,-2.3248411
BP,"GO:0030217","T cell differentiation",258,-0.308880022850583,-1.80438874318185,1.78267480
BP,"GO:0001704","formation of primary germ layer",117,-0.416196971876405,-2.23897124938729,
BP,"GO:0031214","biomineral tissue development",160,-0.359124455097876,-2.08009978684666,1
BP,"GO:0018212","peptidyl-tyrosine modification",363,-0.273950156530657,-1.72478143328451,1.
BP,"GO:0002495","antigen processing and presentation of peptide antigen via MHC class II",30,-0.69
BP,"GO:0052372","modulation by symbiont of entry into host",49,-0.584100679721338,-2.67646155
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BP,"GO:0002501","peptide antigen assembly with MHC protein complex",18,-0.79808046569459,-2.
BP,"GO:0043030","regulation of macrophage activation",55,-0.553295824309706,-2.585995124382
BP,"GO:0033627","cell adhesion mediated by integrin",82,-0.473944048197047,-2.39611629447664
BP,"GO:0001935","endothelial cell proliferation",143,-0.3805959425893,-2.15166230834773,1.9655
BP,"GO:0060271","cilium assembly",305,0.39810529983151,1.79881654436376,2.13891221533612
MF,"GO:0004842","ubiquitin-protein transferase activity",412,0.372995149076399,1.705786525694
BP,"GO:0000819","sister chromatid segregation",186,0.44981142718711,1.96369345595371,2.1907

BP,"GO:0006310","DNA recombination",286,0.398837835819578,1.79614537168576,2.2033166163
BP,"GO:0001959","regulation of cytokine-mediated signaling pathway",144,-0.379618650857179,-2.
BP,"GO:0048762","mesenchymal cell differentiation",229,-0.314897452591476,-1.80896139254822
CC,"GO:0001725","stress fiber",64,-0.524489206395566,-2.56057945281072,2.59928916096821e-0
CC,"GO:0097517","contractile actin filament bundle",64,-0.524489206395566,-2.56057945281072,2
MF,"GO:0004712","protein serine/threonine/tyrosine kinase activity",436,0.369188199340324,1.69
BP,"GO:0009060","aerobic respiration",150,-0.370413509158874,-2.11990307939294,2.643174577(
CC,"GO:0005793","endoplasmic reticulum-Golgi intermediate compartment",125,-0.3880868253613
BP,"GO:0110148","biomineralization",162,-0.357201134263758,-2.06867606080166,2.6736573110
MF,"GO:0023023","MHC protein complex binding",33,-0.659121341775502,-2.69749978624374,2.7
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MF,"GO:0140034","methylation-dependent protein binding",74,0.565802757806068,2.224891832
BP,"GO:0001936","regulation of endothelial cell proliferation",127,-0.39448209155366,-2.18274461
CC,"GO:0071556","integral component of lumenal side of endoplasmic reticulum membrane",26,-0.
CC,"GO:0098553","lumenal side of endoplasmic reticulum membrane",26,-0.702218216749599,-2.6
BP,"GO:0043903","regulation of biological process involved in symbiotic interaction",55,-0.5478398
BP,"GO:0030099","myeloid cell differentiation",365,-0.272739401552376,-1.71674522543949,2.914
BP,"GO:0031638","zymogen activation",62,-0.531673238379352,-2.58153140267791,2.9840840930
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BP,"GO:0043281","regulation of cysteine-type endopeptidase activity involved in apoptotic process"
BP,"GO:0048754","branching morphogenesis of an epithelial tube",151,-0.366972379520019,-2.092
BP,"GO:0060759","regulation of response to cytokine stimulus",154,-0.373109840277741,-2.130435
CC,"GO:0042470","melanosome",108,-0.420022730032696,-2.24069706347998,4.12810850508222
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BP,"GO:0031497","chromatin assembly",128,0.482184922505514,2.02749270926685,4.265310457(
BP,"GO:0006405","RNA export from nucleus",82,0.540662506107326,2.14225966869699,4.615666
BP,"GO:0031960","response to corticosteroid",153,-0.368451723776187,-2.093771672017,4.667697
BP,"GO:0046034","ATP metabolic process",225,-0.31584802515879,-1.83203423770382,4.6965081
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BP,"GO:0043535","regulation of blood vessel endothelial cell migration",86,-0.452342183966175,-2.
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BP,"GO:0043491","protein kinase B signaling",184,-0.333612338455463,-1.93372378522045,5.0408
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BP,"GO:0048813","dendrite morphogenesis",135,0.468328975259561,1.98918885258565,5.520277
BP,"GO:0032732","positive regulation of interleukin-1 production",68,-0.496742834012259,-2.4699
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BP,"GO:0040029","regulation of gene expression, epigenetic",121,0.490761272221299,2.053414058
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CC,"GO:0098984","neuron to neuron synapse",335,0.378480320619247,1.71271054248462,6.89484
BP,"GO:0001837","epithelial to mesenchymal transition",149,-0.368093682619633,-2.09931973715
BP,"GO:0090092","regulation of transmembrane receptor protein serine/threonine kinase signaling
BP,"GO:0016358","dendrite development",227,0.412461902281058,1.82852301334664,7.17714635
CC,"GO:0005819","spindle",380,0.374983311917788,1.70675766345551,7.38419913086144e-08,1.4
MF,"GO:0023026","MHC class II protein complex binding",25,-0.714795190398601,-2.681865987508
BP,"GO:2000377","regulation of reactive oxygen species metabolic process",131,-0.3759815811559
BP,"GO:0002062","chondrocyte differentiation",102,-0.418408158923339,-2.18197352624492,7.884
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CC,"GO:0033116","endoplasmic reticulum-Golgi intermediate compartment membrane",73,-0.47920
BP,"GO:0051236","establishment of RNA localization",155,0.459860763405208,1.97677032376099,8
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BP,"GO:0097237","cellular response to toxic substance",108,-0.413375058479514,-2.205233701468
MF,"GO:0043236","laminin binding",26,-0.688037287301353,-2.63960500323704,9.128821130074
BP,"GO:0032970","regulation of actin filament-based process",367,-0.265144304482963,-1.6639444
MF,"GO:0016209","antioxidant activity",77,-0.468468701597427,-2.36962174713548,9.397435120
BP,"GO:0097193","intrinsic apoptotic signaling pathway",277,-0.293814909278982,-1.71241798727
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CC,"GO:0098576","lumenal side of membrane",31,-0.66387785065144,-2.64309268605717,9.69052
BP,"GO:2001236","regulation of extrinsic apoptotic signaling pathway",149,-0.365096712514833,-2.
BP,"GO:1990748","cellular detoxification",101,-0.420227590402134,-2.17639684902,9.8482795295
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BP,"GO:0002704","negative regulation of leukocyte mediated immunity",67,-0.488576966478444,-2
MF,"GO:0003729","mRNA binding",299,0.384141879639668,1.73544050389593,1.05723378852401
BP,"GO:0032731","positive regulation of interleukin-1 beta production",58,-0.525419967656076,-2.5
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BP,"GO:0050658","RNA transport",152,0.457616158708983,1.96133305521136,1.08295436174911
BP,"GO:0042476","odontogenesis",126,-0.378503046677992,-2.08465671543301,1.0904799718227
BP,"GO:0046637","regulation of alpha-beta T cell differentiation",66,-0.495195850801887,-2.438616
BP,"GO:0010717","regulation of epithelial to mesenchymal transition",91,-0.439617862968513,-2.24
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BP,"GO:0045444","fat cell differentiation",218,-0.318174933561827,-1.83889098724872,1.1769025
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BP,"GO:0098869","cellular oxidant detoxification",88,-0.427924307272058,-2.18382979737741,1.43
BP,"GO:0002716","negative regulation of natural killer cell mediated immunity",20,-0.758650567210
BP,"GO:0019886","antigen processing and presentation of exogenous peptide antigen via MHC class
BP,"GO:0045953","negative regulation of natural killer cell mediated cytotoxicity",19,-0.7773273249
BP,"GO:0006956","complement activation",56,-0.519152375844029,-2.4477734540678,1.55094856
BP,"GO:2001234","negative regulation of apoptotic signaling pathway",218,-0.316203251739811,-1.
BP,"GO:0032392","DNA geometric change",90,0.51573123567183,2.08170985864565,1.614406405
BP,"GO:0007229","integrin-mediated signaling pathway",100,-0.419922112225919,-2.16927738872
BP,"GO:0060191","regulation of lipase activity",86,-0.440743269523538,-2.23419417935599,1.6389
BP,"GO:0048285","organelle fission",456,0.357191724145511,1.64206930270642,1.7458324759539
BP,"GO:0000280","nuclear division",414,0.361633973198763,1.65421718857591,1.7953582174557
MF,"GO:0033218","amide binding",370,-0.263337364068537,-1.690599395768,1.82699916254445e

BP,"GO:0071887","leukocyte apoptotic process",107,-0.404731063612232,-2.12651054349017,1.94
BP,"GO:0032835","glomerulus development",65,-0.487526902977289,-2.38028877947528,2.06242
BP,"GO:0045834","positive regulation of lipid metabolic process",144,-0.359967685025426,-2.0367(
MF,"GO:0042277","peptide binding",296,-0.280474729251622,-1.65010111879689,2.11538652710
CC,"GO:1904724","tertiary granule lumen",55,-0.522138868699922,-2.44037368327023,2.1402806
BP,"GO:0036230","granulocyte activation",43,-0.562925244415135,-2.51442609987947,2.2266902
BP,"GO:0031341","regulation of cell killing",97,-0.413895430516263,-2.10935721492882,2.2297592
MF,"GO:0140030","modification-dependent protein binding",155,0.452626436179212,1.945672642
BP,"GO:0036336","dendritic cell migration",33,-0.63142843136663,-2.58416463052389,2.25255084
BP,"GO:2000379","positive regulation of reactive oxygen species metabolic process",64,-0.49561474
BP,"GO:0042113","B cell activation",251,-0.296718529011511,-1.73340476181286,2.280549637847
BP,"GO:0048661","positive regulation of smooth muscle cell proliferation",78,-0.452740735785368,
BP,"GO:0061041","regulation of wound healing",121,-0.378877620035888,-2.07877896486331,2.42
MF,"GO:0001664","G protein-coupled receptor binding",270,-0.284677938109842,-1.649532037890
CC,"GO:0098636","protein complex involved in cell adhesion",43,-0.560230439789483,-2.5023891
BP,"GO:0000070","mitotic sister chromatid segregation",161,0.443253612029507,1.9089502276345
BP,"GO:0050818","regulation of coagulation",70,-0.471175670343177,-2.36058622831684,2.74280
MF,"GO:0003678","DNA helicase activity",67,0.553981577985224,2.13977952430231,2.751273421
BP,"GO:0015931","nucleobase-containing compound transport",210,0.418063524598567,1.843445(
BP,"GO:1903038","negative regulation of leukocyte cell-cell adhesion",128,-0.3723486620909,-2.07
MF,"GO:0001968","fibronectin binding",30,-0.65842029841991,-2.6045306206046,2.965686480199
BP,"GO:0071103","DNA conformation change",97,0.501881984680021,2.05497383665543,2.990706
MF,"GO:0030020","extracellular matrix structural constituent conferring tensile strength",41,-0.585
BP,"GO:0043367","CD4-positive, alpha-beta T cell differentiation",81,-0.435830423467429,-2.20154
BP,"GO:0019730","antimicrobial humoral response",101,-0.412247165292102,-2.13506550272098,3
BP,"GO:0061437","renal system vasculature development",28,-0.66664697376213,-2.602341971535
BP,"GO:0061440","kidney vasculature development",28,-0.66664697376213,-2.60234197153541,3.2
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BP,"GO:0007568","aging",157,-0.345964893088809,-1.98089215480287,3.38519209192879e-07,5.7
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BP,"GO:0010543","regulation of platelet activation",47,-0.540512407472447,-2.45310402189046,3.
BP,"GO:0070828","heterochromatin organization",72,0.551304876556987,2.1612759049751,3.5337
BP,"GO:0007160","cell-matrix adhesion",227,-0.296399753508131,-1.71519462573334,3.6911790
CC,"GO:0000781","chromosome, telomeric region",136,0.460066260258059,1.95044767914291,3.8
BP,"GO:0034109","homotypic cell-cell adhesion",91,-0.427150445206279,-2.17997965238159,3.908
BP,"GO:2001235","positive regulation of apoptotic signaling pathway",122,-0.372234819212303,-2.(
BP,"GO:0090101","negative regulation of transmembrane receptor protein serine/threonine kinase
BP,"GO:0010595","positive regulation of endothelial cell migration",98,-0.406387855750034,-2.082
MF,"GO:0003823","antigen binding",57,-0.514971491187113,-2.45132734894022,4.076337128955
BP,"GO:0120254","olefinic compound metabolic process",154,-0.352877930098857,-2.01491234471
CC,"GO:0035097","histone methyltransferase complex",62,0.561022749191553,2.13915635800512,
BP,"GO:0032508","DNA duplex unwinding",84,0.513813600658195,2.04922938256042,4.270427413
BP,"GO:0002286","T cell activation involved in immune response",115,-0.38634440887216,-2.06658
BP,"GO:0048247","lymphocyte chemotaxis",60,-0.492592137974618,-2.36139945428641,4.550658
CC,"GO:0030134","COPII-coated ER to Golgi transport vesicle",89,-0.428373933352439,-2.17922447
CC,"GO:0030670","phagocytic vesicle membrane",73,-0.457482174379872,-2.29145129516926,4.71
BP,"GO:0002706","regulation of lymphocyte mediated immunity",165,-0.332453170501333,-1.9119
BP,"GO:0007204","positive regulation of cytosolic calcium ion concentration",310,-0.272504039716
BP,"GO:0035150","regulation of tube size",138,-0.355203471169383,-2.00318390087864,5.090923(
BP,"GO:0006403","RNA localization",189,0.427341870695054,1.86848238946273,5.1803839737528

BP,"GO:2001056","positive regulation of cysteine-type endopeptidase activity",136,-0.35903322677
BP,"GO:0032620","interleukin-17 production",35,-0.615841443487938,-2.57413430013962,5.27455
BP,"GO:0032660","regulation of interleukin-17 production",35,-0.615841443487938,-2.5741343001
BP,"GO:0050864","regulation of B cell activation",119,-0.374810867475605,-2.04247437448896,5.2
BP,"GO:0001910","regulation of leukocyte mediated cytotoxicity",82,-0.43225009944591,-2.185324
BP,"GO:0019883","antigen processing and presentation of endogenous antigen",25,-0.69090070570
BP,"GO:0032692","negative regulation of interleukin-1 production",36,-0.587225835608438,-2.4856
CC,"GO:0000228","nuclear chromosome",193,0.419480226890349,1.8447236920081,5.5000516674
BP,"GO:1900024","regulation of substrate adhesion-dependent cell spreading",55,-0.507157986562
BP,"GO:0140718","facultative heterochromatin assembly",29,0.685602905980853,2.282313403551
BP,"GO:0002761","regulation of myeloid leukocyte differentiation",113,-0.378051148681548,-2.045
CC,"GO:0035579","specific granule membrane",89,-0.424566064544622,-2.15985307637848,5.7697
BP,"GO:0048525","negative regulation of viral process",86,-0.426309909162854,-2.16102929644978
BP,"GO:0050684","regulation of mRNA processing",137,0.455739807189394,1.92972170447447,6.1
BP,"GO:0051480","regulation of cytosolic calcium ion concentration",340,-0.262516295310429,-1.64
BP,"GO:0071677","positive regulation of mononuclear cell migration",65,-0.472083680433627,-2.30
BP,"GO:0030193","regulation of blood coagulation",66,-0.473274256658289,-2.33066244116446,6.4
BP,"GO:0035924","cellular response to vascular endothelial growth factor stimulus",58,-0.50565864
BP,"GO:0045598","regulation of fat cell differentiation",127,-0.362341790216702,-2.004906198728
BP,"GO:0002437","inflammatory response to antigenic stimulus",67,-0.466804808772813,-2.290801
CC,"GO:0101003","ficolin-1-rich granule membrane",57,-0.509876766202836,-2.42707583423889,6
BP,"GO:0050868","negative regulation of T cell activation",117,-0.381162078107725,-2.0504977015
BP,"GO:0045088","regulation of innate immune response",217,-0.306231013972449,-1.7840111371
CC,"GO:0042613","MHC class II protein complex",15,-0.797607358474506,-2.60442167091945,6.83
BP,"GO:0043032","positive regulation of macrophage activation",25,-0.686825739684297,-2.576926
BP,"GO:0031099","regeneration",174,-0.328516650187615,-1.89816764343141,6.90157601656289
BP,"GO:0002483","antigen processing and presentation of endogenous peptide antigen",18,-0.7500
BP,"GO:0001911","negative regulation of leukocyte mediated cytotoxicity",25,-0.684965675871353,
MF,"GO:0050136","NADH dehydrogenase (quinone) activity",36,-0.580801353517688,-2.458418815
BP,"GO:0002824","positive regulation of adaptive immune response based on somatic recombinatio
BP,"GO:0000725","recombinational repair",152,0.444382984929512,1.90461595581466,7.7691475
BP,"GO:0035767","endothelial cell chemotaxis",27,-0.670488688643441,-2.62120737221864,7.9994
BP,"GO:1903053","regulation of extracellular matrix organization",46,-0.530585177404987,-2.3759
CC,"GO:0072686","mitotic spindle",151,0.443524208548874,1.90023135287755,8.33650414152688
BP,"GO:0000724","double-strand break repair via homologous recombination",151,0.443502937753
BP,"GO:0051568","histone H3-K4 methylation",67,0.540797020691877,2.08885356059807,8.57353
BP,"GO:0002709","regulation of T cell mediated immunity",84,-0.421950445427316,-2.1335556910
CC,"GO:0042641","actomyosin",71,-0.450571467572727,-2.27283782745899,9.14699538589197e-0
BP,"GO:0051321","meiotic cell cycle",244,0.394548739673455,1.7580429624131,9.1513699612046
BP,"GO:0034453","microtubule anchoring",22,0.744071701918153,2.3122508730673,9.289982256
BP,"GO:0006261","DNA-templated DNA replication",153,0.439038433968826,1.88497964781604,9.
BP,"GO:0044706","multi-multicellular organism process",207,-0.310316658648031,-1.80141761532
CC,"GO:0016607","nuclear speck",390,0.356528190719285,1.62763163636969,9.58376775401173e
BP,"GO:0048704","embryonic skeletal system morphogenesis",93,-0.408264954312707,-2.0883858
BP,"GO:0070664","negative regulation of leukocyte proliferation",86,-0.419998907117804,-2.12903
CC,"GO:0030176","integral component of endoplasmic reticulum membrane",150,-0.339352344647
CC,"GO:0034358","plasma lipoprotein particle",35,-0.600813521320949,-2.51131960924974,1.0601
CC,"GO:1990777","lipoprotein particle",35,-0.600813521320949,-2.51131960924974,1.0601209005
BP,"GO:0002285","lymphocyte activation involved in immune response",192,-0.316753105748816,-
CC,"GO:0140534","endoplasmic reticulum protein-containing complex",117,-0.376573207124239,-2

BP,"GO:0002275","myeloid cell activation involved in immune response",89,-0.416074965200827,-2
MF,"GO:0003712","transcription coregulator activity",475,0.342021000554608,1.57233308124446,
BP,"GO:0002040","sprouting angiogenesis",119,-0.365852714462023,-1.99365829267089,1.139681
BP,"GO:0002821","positive regulation of adaptive immune response",104,-0.389840837624746,-2.0
BP,"GO:0045862","positive regulation of proteolysis",347,-0.256108656938572,-1.60452739094091,
BP,"GO:1900046","regulation of hemostasis",68,-0.456243371922062,-2.26856155036641,1.158454
BP,"GO:0048662","negative regulation of smooth muscle cell proliferation",51,-0.52276257450997,-
BP,"GO:0032526","response to retinoic acid",107,-0.38646416282222,-2.03053383050907,1.18461(
CC,"GO:0032279","asymmetric synapse",312,0.370784538286039,1.67458072517604,1.199788427(
BP,"GO:0051384","response to glucocorticoid",136,-0.351971680094053,-1.96897306372418,1.219
CC,"GO:0015935","small ribosomal subunit",67,-0.459133224599523,-2.25315410655727,1.243745
BP,"GO:0030850","prostate gland development",49,-0.524963422192959,-2.40548327773732,1.292
CC,"GO:0070821","tertiary granule membrane",71,-0.445487885917181,-2.24719448890508,1.3019
CC,"GO:0030669","clathrin-coated endocytic vesicle membrane",68,-0.454515798524451,-2.259971
BP,"GO:0035296","regulation of tube diameter",137,-0.351409325386079,-1.98290440505742,1.31
BP,"GO:0097746","blood vessel diameter maintenance",137,-0.351409325386079,-1.982904405057
CC,"GO:0000776","kinetochore",136,0.450003507797773,1.90778671076209,1.31404261109989e-(
MF,"GO:0004252","serine-type endopeptidase activity",164,-0.325413807394887,-1.87158190822
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CC,"GO:1990204","oxidoreductase complex",106,-0.387837176111677,-2.04451030573362,1.35266
BP,"GO:0051052","regulation of DNA metabolic process",430,0.348327411222639,1.595737306286
BP,"GO:0006936","muscle contraction",329,-0.262582173834795,-1.60847135403124,1.371002797
BP,"GO:1903531","negative regulation of secretion by cell",130,-0.351040479184395,-1.938422682
BP,"GO:0060193","positive regulation of lipase activity",65,-0.460660166373224,-2.2491153174791
CC,"GO:0099568","cytoplasmic region",235,0.393317804964398,1.74830727333477,1.3963535758(
MF,"GO:0001618","virus receptor activity",73,-0.443822954400713,-2.22303455881298,1.4180014(
CC,"GO:0045334","clathrin-coated endocytic vesicle",87,-0.404731758546924,-2.07278003268881,1
BP,"GO:2000107","negative regulation of leukocyte apoptotic process",48,-0.513941538007078,-2.3
CC,"GO:0030662","coated vesicle membrane",167,-0.31503205460784,-1.81384625734265,1.54280
MF,"GO:0140272","exogenous protein binding",74,-0.443615192310686,-2.23575296748989,1.6041
BP,"GO:0030278","regulation of ossification",110,-0.373473322670123,-1.97263719726308,1.61287
BP,"GO:0002577","regulation of antigen processing and presentation",20,-0.71667319607208,-2.568
BP,"GO:2001057","reactive nitrogen species metabolic process",72,-0.438212637579577,-2.210535
MF,"GO:0008236","serine-type peptidase activity",181,-0.309249964419202,-1.78627026934832,1.(
MF,"GO:0050431","transforming growth factor beta binding",24,-0.677618845997873,-2.51712603
BP,"GO:0046890","regulation of lipid biosynthetic process",160,-0.320590630748309,-1.856906410(
BP,"GO:2001243","negative regulation of intrinsic apoptotic signaling pathway",95,-0.397663797011
BP,"GO:0042119","neutrophil activation",38,-0.569551862866457,-2.44069193756679,1.733914578
BP,"GO:0046209","nitric oxide metabolic process",71,-0.44164172325702,-2.22779311839294,1.784
BP,"GO:1905954","positive regulation of lipid localization",90,-0.396992502563857,-2.03171566589
BP,"GO:0002474","antigen processing and presentation of peptide antigen via MHC class I",28,-0.63
BP,"GO:0003044","regulation of systemic arterial blood pressure mediated by a chemical signal",48,-
BP,"GO:0016485","protein processing",234,-0.289022294047181,-1.67922883911008,1.933027635
BP,"GO:0002825","regulation of T-helper 1 type immune response",29,-0.646604588424567,-2.5385
CC,"GO:0070603","SWI/SNF superfamily-type complex",84,0.495609071009963,1.97662473176281,
BP,"GO:0030178","negative regulation of Wnt signaling pathway",160,-0.319087340488059,-1.8481
BP,"GO:0016525","negative regulation of angiogenesis",90,-0.394018519250275,-2.0164955082126
BP,"GO:0008630","intrinsic apoptotic signaling pathway in response to DNA damage",99,-0.3822355
BP,"GO:0031122","cytoplasmic microtubule organization",56,0.548989670855744,2.053431433534
BP,"GO:1905517","macrophage migration",52,-0.492739235295,-2.26680407386063,2.176616173(

BP,"GO:0090025","regulation of monocyte chemotaxis",26,-0.636491724917763,-2.4418542027011
BP,"GO:0010596","negative regulation of endothelial cell migration",51,-0.51329925364463,-2.3429
MF,"GO:0017171","serine hydrolase activity",185,-0.309754895039371,-1.79972596578821,2.2629
BP,"GO:0031342","negative regulation of cell killing",28,-0.632869769036454,-2.4704883203552,2.2
BP,"GO:0050819","negative regulation of coagulation",51,-0.512567637049292,-2.33963636802559
BP,"GO:0001914","regulation of T cell mediated cytotoxicity",37,-0.573778002442589,-2.427565455
MF,"GO:0019783","ubiquitin-like protein peptidase activity",110,0.465445434417016,1.923066803
CC,"GO:1902562","H4 histone acetyltransferase complex",39,0.614204229263342,2.1672149075066
BP,"GO:2000249","regulation of actin cytoskeleton reorganization",39,-0.557484525891551,-2.4014
BP,"GO:0031639","plasminogen activation",24,-0.672599187348311,-2.49847968982193,2.4153084
CC,"GO:0035577","azurophil granule membrane",54,-0.503862571067004,-2.34865049578988,2.44
BP,"GO:0002444","myeloid leukocyte mediated immunity",101,-0.39140323802263,-2.027112910
BP,"GO:0043277","apoptotic cell clearance",49,-0.513758940984958,-2.35414219178322,2.508029
BP,"GO:0002399","MHC class II protein complex assembly",14,-0.792152381126988,-2.54820341974
BP,"GO:0002503","peptide antigen assembly with MHC class II protein complex",14,-0.79215238112
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CC,"GO:0000779","condensed chromosome, centromeric region",144,0.440096257243488,1.883105
BP,"GO:0050830","defense response to Gram-positive bacterium",87,-0.397378073875064,-2.03511
BP,"GO:0043484","regulation of RNA splicing",151,0.432756440703527,1.8540980197565,2.652711
BP,"GO:0007369","gastrulation",180,-0.317545947941268,-1.83061852843759,2.68050115893183e
BP,"GO:0051604","protein maturation",299,-0.261349052090993,-1.51912870841286,2.689926738
BP,"GO:2001026","regulation of endothelial cell chemotaxis",21,-0.701307142764544,-2.510698928
BP,"GO:0050829","defense response to Gram-negative bacterium",75,-0.432740170177758,-2.1800
BP,"GO:0051897","positive regulation of protein kinase B signaling",105,-0.376829694403026,-1.978
BP,"GO:0000075","cell cycle checkpoint signaling",161,0.422290558937907,1.81866912470593,3.05
BP,"GO:2000106","regulation of leukocyte apoptotic process",83,-0.421916412982579,-2.12529562
BP,"GO:0032945","negative regulation of mononuclear cell proliferation",80,-0.409271134177009,-2
MF,"GO:0048306","calcium-dependent protein binding",79,-0.429989153315208,-2.1780547724282
BP,"GO:0072006","nephron development",144,-0.335701561139952,-1.89940400122031,3.1925426
BP,"GO:0018023","peptidyl-lysine trimethylation",46,0.569004177172342,2.07937064398312,3.255
BP,"GO:0006406","mRNA export from nucleus",60,0.540599921567418,2.04598621643647,3.32021
BP,"GO:0010718","positive regulation of epithelial to mesenchymal transition",49,-0.509482980918
BP,"GO:0072109","glomerular mesangium development",15,-0.774519391064519,-2.529032694098
BP,"GO:2001251","negative regulation of chromosome organization",83,0.498693863784538,1.9834
CC,"GO:0000922","spindle pole",160,0.416345649560725,1.79055416762046,3.43536068047611e-0
CC,"GO:0014069","postsynaptic density",307,0.369997114931537,1.67220548508093,3.499134510
BP,"GO:0022617","extracellular matrix disassembly",57,-0.485212554674967,-2.30967116758649,3.
BP,"GO:0061647","histone H3-K9 modification",49,0.576306211699921,2.12902876174802,3.54913
BP,"GO:0051091","positive regulation of DNA-binding transcription factor activity",259,-0.27222310
BP,"GO:1900047","negative regulation of hemostasis",49,-0.508094097481041,-2.32818479028894,
BP,"GO:0045637","regulation of myeloid cell differentiation",187,-0.308701703528356,-1.78551689
BP,"GO:0150076","neuroinflammatory response",65,-0.446671100191578,-2.1808154614832,3.752
BP,"GO:0045600","positive regulation of fat cell differentiation",63,-0.461125836119463,-2.245163
CC,"GO:1905369","endopeptidase complex",78,-0.418820650544957,-2.12492315489042,3.808635
BP,"GO:1904705","regulation of vascular associated smooth muscle cell proliferation",52,-0.484848
BP,"GO:0038061","NIK/NF-kappaB signaling",119,-0.350300942559643,-1.90891129533209,3.91900
MF,"GO:0140098","catalytic activity, acting on RNA",339,0.358623629929065,1.62488712740289,3.
CC,"GO:0031227","intrinsic component of endoplasmic reticulum membrane",157,-0.325626933057
BP,"GO:0001655","urogenital system development",349,-0.256199728179988,-1.60603409613846,4
MF,"GO:0005179","hormone activity",115,-0.359289263566391,-1.92186297225002,4.1472893982

BP,"GO:0032330","regulation of chondrocyte differentiation",45,-0.519466505411485,-2.33888886
BP,"GO:0085029","extracellular matrix assembly",45,-0.518465187424807,-2.33438046981804,4.18
BP,"GO:0000245","spliceosomal complex assembly",56,0.541707597832061,2.0261936940247,4.16
BP,"GO:1902337","regulation of apoptotic process involved in morphogenesis",12,-0.820478331161
BP,"GO:1904748","regulation of apoptotic process involved in development",12,-0.82047833116176
BP,"GO:0015980","energy derivation by oxidation of organic compounds",268,-0.271170511648716,
MF,"GO:0034212","peptide N-acetyltransferase activity",41,0.598590632532141,2.12575058080655
CC,"GO:1904949","ATPase complex",85,0.490433967666938,1.96133454424481,4.43160231369863
BP,"GO:0032956","regulation of actin cytoskeleton organization",327,-0.254546902582492,-1.55562
BP,"GO:0002861","regulation of inflammatory response to antigenic stimulus",39,-0.5460083807310
BP,"GO:0007018","microtubule-based movement",356,0.353435957197495,1.60498126894415,4.79
MF,"GO:0098641","cadherin binding involved in cell-cell adhesion",18,-0.71385319395023,-2.51064
BP,"GO:0072678","T cell migration",62,-0.464607736145109,-2.25589586649443,4.9010670236673
CC,"GO:0098800","inner mitochondrial membrane protein complex",114,-0.360537912219281,-1.93
BP,"GO:0006022","aminoglycan metabolic process",129,-0.347476179036584,-1.92267794265656,4
BP,"GO:0002407","dendritic cell chemotaxis",26,-0.621233492918301,-2.38331710555586,5.189877
BP,"GO:0002269","leukocyte activation involved in inflammatory response",46,-0.501819022304879
BP,"GO:0001916","positive regulation of T cell mediated cytotoxicity",27,-0.642498776087096,-2.51
BP,"GO:0048706","embryonic skeletal system development",126,-0.341204676815699,-1.87923089
BP,"GO:0043537","negative regulation of blood vessel endothelial cell migration",35,-0.572087557
BP,"GO:0045132","meiotic chromosome segregation",82,0.494931527034355,1.96106043447711,5.
BP,"GO:0010001","glial cell differentiation",211,-0.293163513869085,-1.70360968759096,5.458494
BP,"GO:0062197","cellular response to chemical stress",310,-0.257113132576956,-1.553834308991
MF,"GO:0038187","pattern recognition receptor activity",26,-0.619265479308821,-2.375766964501
MF,"GO:0008137","NADH dehydrogenase (ubiquinone) activity",35,-0.570159490264911,-2.383189
MF,"GO:0019956","chemokine binding",33,-0.578887710446022,-2.369138087656,5.888361451311
BP,"GO:0044703","multi-organism reproductive process",199,-0.296723354085845,-1.70491001040
CC,"GO:0005796","Golgi lumen",97,-0.379126062822979,-1.93216024391887,6.32653149218985e-
BP,"GO:0001774","microglial cell activation",43,-0.509897272118994,-2.27756531083521,6.385429
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BP,"GO:0045580","regulation of T cell differentiation",146,-0.338093286824172,-1.9099394818862,
CC,"GO:0030135","coated vesicle",278,-0.261884067887806,-1.52835113359275,6.6458984235987
BP,"GO:0030282","bone mineralization",114,-0.356726307566331,-1.91826098362285,6.765902065
BP,"GO:1990874","vascular associated smooth muscle cell proliferation",53,-0.48094855123733,-2.2
BP,"GO:0030203","glycosaminoglycan metabolic process",118,-0.354566482301484,-1.92942801568
BP,"GO:0071260","cellular response to mechanical stimulus",70,-0.433109472814338,-2.169874892
BP,"GO:0002686","negative regulation of leukocyte migration",45,-0.511571343080144,-2.3033410
BP,"GO:0045165","cell fate commitment",257,-0.269888970098691,-1.57759548538385,7.0466977
BP,"GO:0048024","regulation of mRNA splicing, via spliceosome",102,0.464903257234084,1.906274
BP,"GO:0060055","angiogenesis involved in wound healing",25,-0.643879775407101,-2.4157958711
BP,"GO:1902106","negative regulation of leukocyte differentiation",98,-0.371713078349116,-1.9052
BP,"GO:0019216","regulation of lipid metabolic process",310,-0.255655037365837,-1.54502247451
CC,"GO:0034708","methyltransferase complex",90,0.476367565963351,1.92282140350319,7.72003
BP,"GO:0006968","cellular defense response",51,-0.495025025777076,-2.25956238684549,7.86666
BP,"GO:0098883","synapse pruning",11,-0.822344858235285,-2.389404466417,7.89213658727452
MF,"GO:0005507","copper ion binding",57,-0.47325847332773,-2.25276827676746,7.95620793177
BP,"GO:0046633","alpha-beta T cell proliferation",39,-0.53617826190347,-2.30971389136902,8.158
BP,"GO:1905521","regulation of macrophage migration",39,-0.536118935585247,-2.3094583293086
BP,"GO:0006690","icosanoid metabolic process",111,-0.359641246256392,-1.92107966394456,8.28

BP,"GO:0002702","positive regulation of production of molecular mediator of immune response",11
BP,"GO:2000516","positive regulation of CD4-positive, alpha-beta T cell activation",37,-0.545305222
MF,"GO:0003954","NADH dehydrogenase activity",38,-0.546403084647052,-2.34149283025412,8.5
BP,"GO:1903034","regulation of response to wounding",150,-0.318731565343381,-1.824123608249
CC,"GO:0000118","histone deacetylase complex",70,0.50698949203575,1.97319830266053,8.82652
BP,"GO:0002377","immunoglobulin production",110,-0.351209554593802,-1.85504288893445,8.84
CC,"GO:0005747","mitochondrial respiratory chain complex I",41,-0.530075168429681,-2.33126994
CC,"GO:0030964","NADH dehydrogenase complex",41,-0.530075168429681,-2.33126994917741,8.9
CC,"GO:0045271","respiratory chain complex I",41,-0.530075168429681,-2.33126994917741,8.9119
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CC,"GO:0022627","cytosolic small ribosomal subunit",42,-0.535292585397104,-2.36689470861826,9
BP,"GO:1901222","regulation of NIK/NF-kappaB signaling",92,-0.381524535416806,-1.94524648760
BP,"GO:1901343","negative regulation of vasculature development",92,-0.381456282885331,-1.944
BP,"GO:0014013","regulation of gliogenesis",92,-0.380981307493885,-1.9424767778972,9.6049178
CC,"GO:0005681","spliceosomal complex",186,0.404405418189405,1.76546931725774,1.03977204
BP,"GO:0042246","tissue regeneration",63,-0.44587792812772,-2.17092367515704,1.04243386104
BP,"GO:0060349","bone morphogenesis",97,-0.372185203246974,-1.89678717346436,1.06072893
BP,"GO:0030705","cytoskeleton-dependent intracellular transport",189,0.401919691045458,1.7573
MF,"GO:0070851","growth factor receptor binding",137,-0.32986503867943,-1.86133602901192,1.
BP,"GO:0050672","negative regulation of lymphocyte proliferation",79,-0.41232657089835,-2.08858
CC,"GO:0000313","organellar ribosome",80,-0.3927256773452,-1.95926315494529,1.13638492361
CC,"GO:0005761","mitochondrial ribosome",80,-0.3927256773452,-1.95926315494529,1.1363849
BP,"GO:0110149","regulation of biomineralization",95,-0.375724712981181,-1.92642433020042,1.1
BP,"GO:0071559","response to transforming growth factor beta",242,-0.271206793038443,-1.59404
CC,"GO:0000315","organellar large ribosomal subunit",53,-0.471553095349286,-2.19883642958958
CC,"GO:0005762","mitochondrial large ribosomal subunit",53,-0.471553095349286,-2.19883642958
BP,"GO:0051304","chromosome separation",92,0.468580730476154,1.90015666864196,1.1536109
BP,"GO:0043280","positive regulation of cysteine-type endopeptidase activity involved in apoptotic
BP,"GO:0061512","protein localization to cilium",71,0.512927380977579,2.00452936387915,1.1946
MF,"GO:1901681","sulfur compound binding",248,-0.269001896444551,-1.57197745730377,1.1955
BP,"GO:0048545","response to steroid hormone",317,-0.249943960052647,-1.50496329919341,1.2
BP,"GO:1903901","negative regulation of viral life cycle",25,-0.635873002829655,-2.3857549708931
CC,"GO:0005874","microtubule",417,0.333340588435015,1.5254917172682,1.23951961665884e-05
BP,"GO:0032613","interleukin-10 production",56,-0.457491790888492,-2.15704735891881,1.24957
BP,"GO:0032653","regulation of interleukin-10 production",56,-0.457491790888492,-2.1570473589
BP,"GO:2000514","regulation of CD4-positive, alpha-beta T cell activation",63,-0.443448842740638,
BP,"GO:0034381","plasma lipoprotein particle clearance",40,-0.527264791466168,-2.279019998670
BP,"GO:0002720","positive regulation of cytokine production involved in immune response",67,-0.42
BP,"GO:0070167","regulation of biomineral tissue development",93,-0.378636682871801,-1.936829
BP,"GO:0009595","detection of biotic stimulus",37,-0.535782359283738,-2.26681180104472,1.3372
BP,"GO:0002707","negative regulation of lymphocyte mediated immunity",55,-0.464106418715452,
CC,"GO:0099572","postsynaptic specialization",330,0.35574211682809,1.60824666651343,1.35254
BP,"GO:0034340","response to type I interferon",60,-0.445305902968152,-2.13471761969878,1.364
BP,"GO:0006949","syncytium formation",56,-0.455949102718914,-2.14977367333997,1.389383658
BP,"GO:0001666","response to hypoxia",265,-0.26645669945714,-1.54342541409887,1.424918074
CC,"GO:0036064","ciliary basal body",139,0.42147629698859,1.79219982033376,1.4474549574429
BP,"GO:2001185","regulation of CD8-positive, alpha-beta T cell activation",18,-0.695651713033167,
BP,"GO:0072393","microtubule anchoring at microtubule organizing center",13,0.79086261049122,
BP,"GO:0031023","microtubule organizing center organization",139,0.421304091988841,1.7914675
BP,"GO:2000181","negative regulation of blood vessel morphogenesis",91,-0.384909656143987,-1.9

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BP,"GO:1903707","negative regulation of hemopoiesis",100,-0.36795335397188,-1.90081176398711
BP,"GO:0072073","kidney epithelium development",140,-0.318182808560282,-1.80830540336916,1
BP,"GO:0051092","positive regulation of NF-kappaB transcription factor activity",153,-0.3166312159
BP,"GO:0051235","maintenance of location",314,-0.248062621529087,-1.49893064759426,1.48416
BP,"GO:0046849","bone remodeling",88,-0.372652996584792,-1.90176324222326,1.500447380225
BP,"GO:0000956","nuclear-transcribed mRNA catabolic process",113,0.449614736185386,1.861539
BP,"GO:0010633","negative regulation of epithelial cell migration",66,-0.435605599348716,-2.14516
BP,"GO:2001252","positive regulation of chromosome organization",83,0.484571729662311,1.9273
CC,"GO:0032994","protein-lipid complex",38,-0.535015539834712,-2.29269395762419,1.539365013
MF,"GO:0003955","NAD(P)H dehydrogenase (quinone) activity",38,-0.534276674434353,-2.2895277
BP,"GO:0033169","histone H3-K9 demethylation",14,0.76154867965346,2.12691516402365,1.5686
BP,"GO:0050886","endocrine process",83,-0.397802805996655,-2.00382952353212,1.62083628010
MF,"GO:0016741","transferase activity, transferring one-carbon groups",191,0.395216653842484,1.
BP,"GO:0007131","reciprocal meiotic recombination",52,0.538877694580342,2.00446467726849,1.
BP,"GO:0140527","reciprocal homologous recombination",52,0.538877694580342,2.004464677268
MF,"GO:0045296","cadherin binding",309,-0.252961198702135,-1.53199560803263,1.705016002222
BP,"GO:0001570","vasculogenesis",79,-0.403583342042012,-2.04429953041804,1.710542728509044
BP,"GO:0030225","macrophage differentiation",47,-0.479796723937779,-2.17754718839017,1.7303
BP,"GO:0007266","Rho protein signal transduction",130,-0.327278163749189,-1.80720872261397,1
MF,"GO:0008168","methyltransferase activity",180,0.394513164927176,1.72007547469287,1.7674
BP,"GO:0042481","regulation of odontogenesis",17,-0.722752873902882,-2.51145058930034,1.796
BP,"GO:1903564","regulation of protein localization to cilium",10,0.828047367064415,2.101202256
BP,"GO:0061982","meiosis I cell cycle process",120,0.436831496903616,1.82730898040379,1.80393
BP,"GO:0001885","endothelial cell development",63,-0.438046758352445,-2.13279469231928,1.80
BP,"GO:0003073","regulation of systemic arterial blood pressure",94,-0.374533062037923,-1.91662
BP,"GO:0042531","positive regulation of tyrosine phosphorylation of STAT protein",64,-0.437054450
BP,"GO:0006809","nitric oxide biosynthetic process",66,-0.432026100824288,-2.12753386145171,1
MF,"GO:0061733","peptide-lysine-N-acetyltransferase activity",34,0.619212497740614,2.131264511
BP,"GO:0002701","negative regulation of production of molecular mediator of immune response",38
BP,"GO:0043967","histone H4 acetylation",72,0.508619937077502,1.99393849309063,1.899893914
BP,"GO:0010970","transport along microtubule",149,0.415326797381494,1.77899845580617,1.909
BP,"GO:0046640","regulation of alpha-beta T cell proliferation",36,-0.525109005386333,-2.2226839
BP,"GO:0045669","positive regulation of osteoblast differentiation",62,-0.444553894828722,-2.1585
BP,"GO:0071560","cellular response to transforming growth factor beta stimulus",236,-0.276683080
BP,"GO:0014068","positive regulation of phosphatidylinositol 3-kinase signaling",77,-0.404222397277
BP,"GO:0072001","renal system development",309,-0.251705017322153,-1.52438786278594,2.006
BP,"GO:0030574","collagen catabolic process",40,-0.518925352780292,-2.24297407288424,2.01156
BP,"GO:0051168","nuclear export",151,0.415076195086068,1.77834892556659,2.03156648787674
MF,"GO:0016655","oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acc
BP,"GO:0033209","tumor necrosis factor-mediated signaling pathway",99,-0.354763320731814,-1.8
BP,"GO:0048146","positive regulation of fibroblast proliferation",46,-0.482621547901412,-2.161131
BP,"GO:0000380","alternative mRNA splicing, via spliceosome",77,0.492991922716604,1.936422956
BP,"GO:0060348","bone development",218,-0.28031310136662,-1.62006865198465,2.199634562
BP,"GO:0019885","antigen processing and presentation of endogenous peptide antigen via MHC clas
BP,"GO:0006120","mitochondrial electron transport, NADH to ubiquinone",42,-0.522267202203065,
MF,"GO:0016667","oxidoreductase activity, acting on a sulfur group of donors",53,-0.461709817468
BP,"GO:0061045","negative regulation of wound healing",70,-0.413379126125099,-2.07102601773
BP,"GO:0006402","mRNA catabolic process",217,0.384767677048855,1.70022182634255,2.300120
BP,"GO:0007584","response to nutrient",148,-0.311057414821887,-1.76534122577366,2.32901782

MF,"GO:0004601","peroxidase activity",50,-0.466402085065498,-2.12642517627759,2.3372658299
BP,"GO:0031060","regulation of histone methylation",75,0.4939169491023,1.94407188151166,2.34
BP,"GO:0048565","digestive tract development",126,-0.327266613277452,-1.80246512965658,2.34
BP,"GO:0071824","protein-DNA complex subunit organization",158,0.405627868018222,1.7443456
MF,"GO:0042605","peptide antigen binding",23,-0.637998050254146,-2.36548608245046,2.548970
CC,"GO:0016442","RISC complex",14,0.755519587792645,2.11007662533707,2.55032407359603e-
CC,"GO:0031332","RNAi effector complex",14,0.755519587792645,2.11007662533707,2.550324073
BP,"GO:0051896","regulation of protein kinase B signaling",155,-0.305274225455728,-1.746328927
BP,"GO:0000209","protein polyubiquitination",234,0.373230593087175,1.65832768171434,2.54515
BP,"GO:2000027","regulation of animal organ morphogenesis",128,-0.327439224678296,-1.8220828
BP,"GO:0042475","odontogenesis of dentin-containing tooth",88,-0.366195175178979,-1.86880698
BP,"GO:0002705","positive regulation of leukocyte mediated immunity",128,-0.327192766231997,-
BP,"GO:0072202","cell differentiation involved in metanephros development",24,-0.6327284521118
BP,"GO:0050918","positive chemotaxis",58,-0.448788900509866,-2.14287727277937,2.6352457763
BP,"GO:0006801","superoxide metabolic process",64,-0.428634272396823,-2.09261143468034,2.63
BP,"GO:0070192","chromosome organization involved in meiotic cell cycle",62,0.513795266901183,
BP,"GO:2001238","positive regulation of extrinsic apoptotic signaling pathway",49,-0.474993686472
BP,"GO:0045071","negative regulation of viral genome replication",53,-0.457468071792089,-2.1331
MF,"GO:0048020","CCR chemokine receptor binding",40,-0.512750149418602,-2.21628271744969,
BP,"GO:0007565","female pregnancy",179,-0.297761028244664,-1.72279388087828,2.7166702080
BP,"GO:0042509","regulation of tyrosine phosphorylation of STAT protein",76,-0.394110900887179,
BP,"GO:0009620","response to fungus",61,-0.440504695157814,-2.11439591747532,2.7945188726
BP,"GO:0051567","histone H3-K9 methylation",38,0.5907539390317,2.0762479494832,2.79165762
BP,"GO:0045685","regulation of glial cell differentiation",72,-0.399804313376873,-2.016787533669
BP,"GO:0031570","DNA integrity checkpoint signaling",115,0.432904908135476,1.80218590276995
BP,"GO:0099504","synaptic vesicle cycle",181,0.394260209100347,1.71917891900332,2.952571360
BP,"GO:0046456","icosanoid biosynthetic process",50,-0.461637788135018,-2.10470374478182,2.9
MF,"GO:0101005","deubiquitinase activity",99,0.453696388931407,1.85892066942169,2.99725430
BP,"GO:0000768","syncytium formation by plasma membrane fusion",53,-0.454135213444544,-2.11
BP,"GO:0140253","cell-cell fusion",53,-0.454135213444544,-2.11761742448462,3.0185631433723e
BP,"GO:0002181","cytoplasmic translation",142,-0.309971033280703,-1.74884447725865,3.021670
MF,"GO:0004402","histone acetyltransferase activity",32,0.620391744420393,2.11553989430354,3
BP,"GO:0002287","alpha-beta T cell activation involved in immune response",67,-0.41067138478764
BP,"GO:0002293","alpha-beta T cell differentiation involved in immune response",67,-0.4106713847
MF,"GO:0032454","histone H3-methyl-lysine-9 demethylase activity",13,0.77638641061153,2.12185
BP,"GO:0140013","meiotic nuclear division",168,0.398355439137458,1.72287939446474,3.1313946
BP,"GO:0097006","regulation of plasma lipoprotein particle levels",70,-0.407253876131974,-2.0403
BP,"GO:0060425","lung morphogenesis",50,-0.460381768512952,-2.09897728722131,3.183819387
BP,"GO:0002719","negative regulation of cytokine production involved in immune response",27,-0.6
BP,"GO:0033559","unsaturated fatty acid metabolic process",107,-0.349577114551908,-1.83672439
BP,"GO:0032964","collagen biosynthetic process",40,-0.509579207785297,-2.20257681575877,3.33
BP,"GO:0017015","regulation of transforming growth factor beta receptor signaling pathway",120,-0
BP,"GO:0043588","skin development",288,-0.249508540818107,-1.45419351119256,3.3964436612
BP,"GO:0035825","homologous recombination",54,0.532732603958075,1.98951602241864,3.42527
BP,"GO:1903054","negative regulation of extracellular matrix organization",11,-0.795495663757102
BP,"GO:1903844","regulation of cellular response to transforming growth factor beta stimulus",123,
BP,"GO:0070482","response to oxygen levels",299,-0.243586660132975,-1.41588226715884,3.4623
BP,"GO:0032689","negative regulation of interferon-gamma production",39,-0.509920707874334,-2
BP,"GO:1903556","negative regulation of tumor necrosis factor superfamily cytokine production",59
BP,"GO:0016053","organic acid biosynthetic process",293,-0.243552744787002,-1.42015824765381

CC,"GO:0034364","high-density lipoprotein particle",27,-0.602812744698999,-2.35663514871411,3.
BP,"GO:0043372","positive regulation of CD4-positive, alpha-beta T cell differentiation",31,-0.56190
BP,"GO:0002064","epithelial cell development",198,-0.27988259169347,-1.61904850913237,3.6022
BP,"GO:0051591","response to cAMP",88,-0.361563132123015,-1.84516824154453,3.62352069580
BP,"GO:0008360","regulation of cell shape",145,-0.316904382565413,-1.80316541273731,3.623020
BP,"GO:1901654","response to ketone",184,-0.281985163010248,-1.63447616870734,3.643723246
MF,"GO:0045236","CXCR chemokine receptor binding",17,-0.708737769028384,-2.46275034241499
BP,"GO:1903046","meiotic cell cycle process",187,0.387329397616767,1.69224299275239,3.779217
MF,"GO:0004843","cysteine-type deubiquitinase activity",92,0.454708463727408,1.8439027972012
BP,"GO:0002292","T cell differentiation involved in immune response",75,-0.397579801153476,-2.0
BP,"GO:0099111","microtubule-based transport",185,0.392302231161842,1.7111498048101,3.855
MF,"GO:0061659","ubiquitin-like protein ligase activity",316,0.348976881164506,1.5774876185634
BP,"GO:0099024","plasma membrane invagination",63,-0.422618859014122,-2.05767818661525,3.
BP,"GO:0061037","negative regulation of cartilage development",25,-0.613464614382065,-2.30168
BP,"GO:0030512","negative regulation of transforming growth factor beta receptor signaling pathwa
MF,"GO:0017056","structural constituent of nuclear pore",26,0.647877570127388,2.088212522833
BP,"GO:0014812","muscle cell migration",78,-0.391349991514737,-1.98554836671448,4.00047546
BP,"GO:0071774","response to fibroblast growth factor",109,-0.343567800966591,-1.831533203424
BP,"GO:0009266","response to temperature stimulus",170,-0.284672349427093,-1.6506517359272
BP,"GO:0001516","prostaglandin biosynthetic process",28,-0.574635369506988,-2.24316287218364
BP,"GO:0046457","prostanoid biosynthetic process",28,-0.574635369506988,-2.24316287218364,4.
BP,"GO:0060541","respiratory system development",198,-0.278655310396494,-1.61194900379289,
BP,"GO:0031532","actin cytoskeleton reorganization",108,-0.348501631603838,-1.85915315223991
BP,"GO:0061900","glial cell activation",49,-0.466196022342591,-2.13619975884826,4.23757108469
BP,"GO:0006911","phagocytosis, engulfment",54,-0.458121391275237,-2.13543750723936,4.28217
BP,"GO:0071496","cellular response to external stimulus",294,-0.247430720417539,-1.44832851420
BP,"GO:0099003","vesicle-mediated transport in synapse",194,0.382186747810659,1.68030125855
BP,"GO:0007179","transforming growth factor beta receptor signaling pathway",186,-0.2857031931
BP,"GO:0051048","negative regulation of secretion",153,-0.30664504072599,-1.74254768862632,4.
BP,"GO:0032740","positive regulation of interleukin-17 production",23,-0.628411362338309,-2.3299
BP,"GO:0006457","protein folding",195,-0.28208528101418,-1.60915468688164,4.55675825551761
BP,"GO:0090051","negative regulation of cell migration involved in sprouting angiogenesis",15,-0.72
BP,"GO:0043161","proteasome-mediated ubiquitin-dependent protein catabolic process",399,0.331
MF,"GO:0008757","S-adenosylmethionine-dependent methyltransferase activity",131,0.418839806
BP,"GO:0000302","response to reactive oxygen species",185,-0.28423245207283,-1.6514364502620
BP,"GO:0006953","acute-phase response",48,-0.462118851818331,-2.12402537876827,4.83598865
BP,"GO:0070542","response to fatty acid",61,-0.431253883924017,-2.06999258257087,4.92889705
BP,"GO:0007127","meiosis I",114,0.435359541662871,1.80939658967552,4.96655615280769e-05,0
BP,"GO:0060317","cardiac epithelial to mesenchymal transition",32,-0.55199795453807,-2.2151506
BP,"GO:0006376","mRNA splice site selection",30,0.63039420231409,2.11569876754249,5.0905927
BP,"GO:0006790","sulfur compound metabolic process",318,-0.235636064694218,-1.426528495017
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BP,"GO:0055123","digestive system development",138,-0.310181663816355,-1.74928165329887,5.
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BP,"GO:0009410","response to xenobiotic stimulus",395,-0.220135779144138,-1.42123469851165,(
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BP,"GO:0003081","regulation of systemic arterial blood pressure by renin-angiotensin",24,-0.570698
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CC,"GO:0010494","cytoplasmic stress granule",77,0.452219389403157,1.77627252384192,0.000424
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BP,"GO:0043536","positive regulation of blood vessel endothelial cell migration",49,-0.4209059402
BP,"GO:2000242","negative regulation of reproductive process",61,-0.398494231464696,-1.912748
BP,"GO:0051053","negative regulation of DNA metabolic process",124,0.396094713694743,1.66010
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BP,"GO:0030832","regulation of actin filament length",147,-0.271492763778578,-1.5443299544801
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BP,"GO:0021702","cerebellar Purkinje cell differentiation",12,0.731734846528025,1.960160352482
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MF,"GO:0016798","hydrolase activity, acting on glycosyl bonds",135,-0.28114912684941,-1.563458
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BP,"GO:0000289","nuclear-transcribed mRNA poly(A) tail shortening",24,0.617421707484988,1.962
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BP,"GO:0000959","mitochondrial RNA metabolic process",45,0.495962745217657,1.79132836166
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BP,"GO:0010517","regulation of phospholipase activity",64,-0.370314081837745,-1.8078896905364
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BP,"GO:0090100","positive regulation of transmembrane receptor protein serine/threonine kinase s
BP,"GO:0010878","cholesterol storage",19,-0.6256689314624,-2.21498332423362,0.000690895457
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MF,"GO:0005520","insulin-like growth factor binding",23,-0.559832584036261,-2.07567434651647,
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BP,"GO:0014066","regulation of phosphatidylinositol 3-kinase signaling",104,-0.312617653127012,-
BP,"GO:2001044","regulation of integrin-mediated signaling pathway",15,-0.651882895209581,-2.1
CC,"GO:0016460","myosin II complex",22,-0.581994605831899,-2.14296232483467,0.00079160619
BP,"GO:0042267","natural killer cell mediated cytotoxicity",70,-0.353635127751361,-1.7717090778
BP,"GO:0002053","positive regulation of mesenchymal cell proliferation",23,-0.557661518068696,-2
BP,"GO:0006275","regulation of DNA replication",127,0.38616147279432,1.62282907386477,0.000
BP,"GO:0097152","mesenchymal cell apoptotic process",15,-0.651313047914073,-2.126727892511
BP,"GO:0008207","C21-steroid hormone metabolic process",37,-0.446538851769509,-1.889236405
MF,"GO:0004867","serine-type endopeptidase inhibitor activity",94,-0.322316118317332,-1.649411
CC,"GO:0005884","actin filament",110,-0.293110838185947,-1.54817307483369,0.0008165637462
BP,"GO:1903306","negative regulation of regulated secretory pathway",23,-0.556127810853791,-2.
BP,"GO:0035633","maintenance of blood-brain barrier",35,-0.471094212254803,-1.969110366288
BP,"GO:0045639","positive regulation of myeloid cell differentiation",95,-0.319483348270832,-1.63
BP,"GO:0008637","apoptotic mitochondrial changes",99,-0.308002886786822,-1.58894473240151,
BP,"GO:1902041","regulation of extrinsic apoptotic signaling pathway via death domain receptors",4
BP,"GO:0071402","cellular response to lipoprotein particle stimulus",32,-0.487012782560126,-1.954
BP,"GO:0034104","negative regulation of tissue remodeling",22,-0.578003632668845,-2.128267162
CC,"GO:0016363","nuclear matrix",108,0.402376350435376,1.6554872176,0.000853935963725428
BP,"GO:0031054","pre-miRNA processing",12,0.71781862341402,1.92288178233665,0.0008573960
BP,"GO:0001960","negative regulation of cytokine-mediated signaling pathway",68,-0.35419540877
BP,"GO:0071772","response to BMP",163,-0.267824662832504,-1.54904125486958,0.00085735350
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BP,"GO:0016079","synaptic vesicle exocytosis",105,0.403397217300074,1.65791326770545,0.00086
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BP,"GO:0014910","regulation of smooth muscle cell migration",58,-0.383209580706079,-1.8297491
BP,"GO:0042130","negative regulation of T cell proliferation",64,-0.364097925304056,-1.77754214
BP,"GO:0042359","vitamin D metabolic process",20,-0.567969015910497,-2.03582581334801,0.000
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MF,"GO:0001848","complement binding",19,-0.617981005009749,-2.18776664775464,0.00089213
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BP,"GO:0010565","regulation of cellular ketone metabolic process",119,-0.28704750047599,-1.5642
BP,"GO:0044342","type B pancreatic cell proliferation",18,-0.596705654452751,-2.09863553799641
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BP,"GO:0032094","response to food",37,-0.443275941829356,-1.87543154164556,0.000988658378
BP,"GO:1902622","regulation of neutrophil migration",42,-0.445204439891594,-1.96855338889301
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BP,"GO:0007520","myoblast fusion",40,-0.434179602476972,-1.87667375685796,0.0009975386886
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BP,"GO:0008214","protein dealkylation",32,0.554126522519817,1.88957505547978,0.00100740923
MF,"GO:0016651","oxidoreductase activity, acting on NAD(P)H",81,-0.332301370027707,-1.6785811
BP,"GO:0021533","cell differentiation in hindbrain",22,0.620028573980362,1.92677884109409,0.00
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BP,"GO:0008064","regulation of actin polymerization or depolymerization",146,-0.27637000619964
BP,"GO:1905508","protein localization to microtubule organizing center",34,0.553709224321811,1.9
BP,"GO:0061687","detoxification of inorganic compound",17,-0.616788630808547,-2.14324179986(
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BP,"GO:0030071","regulation of mitotic metaphase/anaphase transition",59,0.455157414953445,1.
BP,"GO:0051306","mitotic sister chromatid separation",66,0.45289864011101,1.73901034747696,0
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BP,"GO:0070373","negative regulation of ERK1 and ERK2 cascade",67,-0.350783052140473,-1.72143
MF,"GO:0005164","tumor necrosis factor receptor binding",30,-0.49652640428286,-1.96412265386
BP,"GO:0071622","regulation of granulocyte chemotaxis",49,-0.403779949765868,-1.850197320396
BP,"GO:0031056","regulation of histone modification",167,0.358157323145636,1.54765909233543,
BP,"GO:1901032","negative regulation of response to reactive oxygen species",14,-0.648294642818
BP,"GO:1903206","negative regulation of hydrogen peroxide-induced cell death",14,-0.648294642815
BP,"GO:0070988","demethylation",71,0.451130611313108,1.76302648456469,0.001146214165792
BP,"GO:0035194","post-transcriptional gene silencing by RNA",79,0.434798936258983,1.714114263
MF,"GO:0016675","oxidoreductase activity, acting on a heme group of donors",16,-0.620004096342
BP,"GO:0050779","RNA destabilization",86,0.431634729391262,1.72724628843453,0.00116116721
BP,"GO:0002438","acute inflammatory response to antigenic stimulus",23,-0.548413341057723,-2.0
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BP,"GO:0072330","monocarboxylic acid biosynthetic process",198,-0.248065122916011,-1.4349926
BP,"GO:0045723","positive regulation of fatty acid biosynthetic process",21,-0.558572914516214,-1
BP,"GO:0001933","negative regulation of protein phosphorylation",305,-0.218410162228975,-1.311
BP,"GO:0071300","cellular response to retinoic acid",66,-0.365193526996699,-1.79841355229706,0
CC,"GO:0001533","cornified envelope",44,-0.41610010764833,-1.85156600481405,0.00122564089
BP,"GO:0062207","regulation of pattern recognition receptor signaling pathway",94,-0.317056511
BP,"GO:0060601","lateral sprouting from an epithelium",11,-0.705816723303546,-2.050820424356
BP,"GO:0038034","signal transduction in absence of ligand",65,-0.342093668835743,-1.6702293073

BP,"GO:0097192","extrinsic apoptotic signaling pathway in absence of ligand",65,-0.3420936688357
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CC,"GO:0035580","specific granule lumen",62,-0.363936791617614,-1.76708961130815,0.0012545
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BP,"GO:0044319","wound healing, spreading of cells",31,-0.474050047486265,-1.88733245446661,
BP,"GO:0090505","epiboly involved in wound healing",31,-0.474050047486265,-1.88733245446661,
BP,"GO:0140353","lipid export from cell",42,-0.439793134250171,-1.94462630482945,0.001269379
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BP,"GO:0010608","post-transcriptional regulation of gene expression",479,0.297549219132289,1.36
BP,"GO:0045620","negative regulation of lymphocyte differentiation",52,-0.38375614241163,-1.765
CC,"GO:0098686","hippocampal mossy fiber to CA3 synapse",32,0.548368438232318,1.8699399505
BP,"GO:0097242","amyloid-beta clearance",37,-0.434812857639497,-1.83962554918912,0.0012823
BP,"GO:0043457","regulation of cellular respiration",46,-0.398347738349671,-1.78376168051602,0.
MF,"GO:0016616","oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as a
BP,"GO:0070997","neuron death",339,-0.211107713272704,-1.31929754820122,0.00130721633903
CC,"GO:0099738","cell cortex region",38,0.521871554523398,1.83415576838781,0.0013110407007
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BP,"GO:0033045","regulation of sister chromatid segregation",70,0.435480181226383,1.694884742
BP,"GO:0098543","detection of other organism",20,-0.552954325256669,-1.98200721769188,0.001
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MF,"GO:0051020","GTPase binding",285,0.321692856902404,1.44824531973056,0.0013351260425
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BP,"GO:0043984","histone H4-K16 acetylation",19,0.633147534605118,1.89959485500995,0.00136
BP,"GO:0001707","mesoderm formation",68,-0.341700662564292,-1.69902519693042,0.00137146
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BP,"GO:0043270","positive regulation of ion transport",261,-0.228250121796827,-1.321143494379
BP,"GO:0060711","labyrinthine layer development",46,-0.396592663739025,-1.77590263040596,0.
MF,"GO:0001227","DNA-binding transcription repressor activity, RNA polymerase II-specific",318,0.3
BP,"GO:0071459","protein localization to chromosome, centromeric region",23,0.582049743490335
MF,"GO:0034452","dynactin binding",11,0.716279468536334,1.87616435435096,0.0014561757183
BP,"GO:0006766","vitamin metabolic process",105,-0.298009814747832,-1.56429694433975,0.0014
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BP,"GO:0071108","protein K48-linked deubiquitination",31,0.551384576130739,1.86437684594913
MF,"GO:0003724","RNA helicase activity",74,0.440137859175789,1.73074293947712,0.001463292
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CC,"GO:0044665","MLL1/2 complex",32,0.545143123773194,1.85894160716936,0.0014736552985
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BP,"GO:0032735","positive regulation of interleukin-12 production",42,-0.436340780474406,-1.929
BP,"GO:0007093","mitotic cell cycle checkpoint signaling",122,0.380253800074537,1.59352461963
BP,"GO:0032930","positive regulation of superoxide anion generation",19,-0.601616714239265,-2.1
BP,"GO:0016973","poly(A)+ mRNA export from nucleus",22,0.613012970249901,1.90497739936605
BP,"GO:0002228","natural killer cell mediated immunity",73,-0.347461496016756,-1.740376214982
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MF,"GO:0017147","Wnt-protein binding",30,-0.488343381001585,-1.93175285184941,0.001566851
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MF,"GO:0030507","spectrin binding",26,0.567036618944481,1.82764927076005,0.0015963076245
BP,"GO:1905314","semi-lunar valve development",41,-0.427634299010539,-1.88073512946129,0.0(
BP,"GO:0002920","regulation of humoral immune response",41,-0.427540312700144,-1.880321777
MF,"GO:0016407","acetyltransferase activity",82,0.419731744991376,1.6630973644552,0.0016065
BP,"GO:0014706","striated muscle tissue development",224,-0.232759312885036,-1.344706163448
BP,"GO:0098586","cellular response to virus",70,-0.341698900744387,-1.71190867886009,0.00162(
BP,"GO:0030514","negative regulation of BMP signaling pathway",53,-0.375981025892024,-1.75318
BP,"GO:1904375","regulation of protein localization to cell periphery",120,-0.279476863959683,-1.5
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BP,"GO:0030183","B cell differentiation",138,-0.271433569178178,-1.53076025452598,0.0016620(
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MF,"GO:0032451","demethylase activity",38,0.517078274334598,1.81730943439703,0.001744034
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BP,"GO:0048713","regulation of oligodendrocyte differentiation",40,-0.420254111725397,-1.816482
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BP,"GO:0034614","cellular response to reactive oxygen species",132,-0.273791937641856,-1.52072
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BP,"GO:1903727","positive regulation of phospholipid metabolic process",13,-0.658937740328026,-
BP,"GO:0097501","stress response to metal ion",18,-0.580591334316812,-2.04196088667448,0.001
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BP,"GO:0006305","DNA alkylation",67,0.434737977500119,1.67919558999517,0.001831690675452
BP,"GO:0006306","DNA methylation",67,0.434737977500119,1.67919558999517,0.0018316906754
BP,"GO:0016081","synaptic vesicle docking",10,0.721176630893961,1.83001362508359,0.0018371
BP,"GO:0002043","blood vessel endothelial cell proliferation involved in sprouting angiogenesis",23,
BP,"GO:1902235","regulation of endoplasmic reticulum stress-induced intrinsic apoptotic signaling p
BP,"GO:0034063","stress granule assembly",27,0.558640966375119,1.80921572905139,0.0018831(
BP,"GO:0007099","centriole replication",40,0.499098231733519,1.77609836980226,0.0018848044
BP,"GO:0050873","brown fat cell differentiation",48,-0.392208744202559,-1.80269929084945,0.00
BP,"GO:0090594","inflammatory response to wounding",15,-0.627475836814128,-2.048892415564
MF,"GO:0098631","cell adhesion mediator activity",64,-0.350504955659208,-1.71118066230026,0.(
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BP,"GO:1903317","regulation of protein maturation",65,-0.330836328906123,-1.61526676113445,0
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BP,"GO:0021694","cerebellar Purkinje cell layer formation",13,0.676083867669072,1.84772929660
BP,"GO:0090068","positive regulation of cell cycle process",227,0.330848546040825,1.4667152942
BP,"GO:0060538","skeletal muscle organ development",159,-0.252056618430612,-1.456732996180
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BP,"GO:0046831","regulation of RNA export from nucleus",12,0.690296399434651,1.849155660760
MF,"GO:0005545","1-phosphatidylinositol binding",14,0.660104294221296,1.84359302396175,0.00
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CC,"GO:0031519","PcG protein complex",34,0.538501950283159,1.85346726757446,0.0019923903
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BP,"GO:0010965","regulation of mitotic sister chromatid separation",63,0.442041730727074,1.6854
BP,"GO:0001510","RNA methylation",72,0.438580800036871,1.71936464887484,0.0020147252733
CC,"GO:0098839","postsynaptic density membrane",87,0.407331061062434,1.62997702666986,0.0
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BP,"GO:0014074","response to purine-containing compound",132,-0.271861005929826,-1.5100030
BP,"GO:0031111","negative regulation of microtubule polymerization or depolymerization",38,0.513
BP,"GO:0045581","negative regulation of T cell differentiation",43,-0.39315540812567,-1.756112780
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BP,"GO:0071639","positive regulation of monocyte chemotactic protein-1 production",13,-0.652451
BP,"GO:0070232","regulation of T cell apoptotic process",34,-0.462304122796737,-1.893703942503
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BP,"GO:0046851","negative regulation of bone remodeling",18,-0.575592777640391,-2.0243807806
BP,"GO:0035886","vascular associated smooth muscle cell differentiation",27,-0.499317813561783,-
BP,"GO:0043966","histone H3 acetylation",70,0.427607583317509,1.66424466554305,0.002131185
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BP,"GO:0060068","vagina development",10,-0.72724787521459,-2.06175333328325,0.0021483290
BP,"GO:0007091","metaphase/anaphase transition of mitotic cell cycle",61,0.455019891534297,1.7
BP,"GO:0002833","positive regulation of response to biotic stimulus",168,-0.251872864942268,-1.45
BP,"GO:0045926","negative regulation of growth",231,-0.235285940928532,-1.36765197990221,0.0
BP,"GO:1905475","regulation of protein localization to membrane",166,-0.25383734867192,-1.4576
BP,"GO:0006919","activation of cysteine-type endopeptidase activity involved in apoptotic process",
BP,"GO:0031110","regulation of microtubule polymerization or depolymerization",84,0.4061352476
BP,"GO:0031113","regulation of microtubule polymerization",53,0.471873000625453,1.7561608622
CC,"GO:0030990","intraciliary transport particle",24,0.578628215257386,1.83931190179076,0.0021
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BP,"GO:0010758","regulation of macrophage chemotaxis",27,-0.496418718188949,-1.94069851716
BP,"GO:0010743","regulation of macrophage derived foam cell differentiation",31,-0.453916107341
MF,"GO:0001217","DNA-binding transcription repressor activity",322,0.31258011314287,1.4123030
BP,"GO:0032495","response to muramyl dipeptide",18,-0.571155496434597,-2.00877470088486,0.0

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BP,"GO:0043409","negative regulation of MAPK cascade",159,-0.250760857026103,-1.44924428826
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BP,"GO:0120263","positive regulation of heterochromatin organization",13,0.670913629304008,1.8
BP,"GO:1905269","positive regulation of chromatin organization",13,0.670913629304008,1.833599
BP,"GO:0003176","aortic valve development",37,-0.420571156731324,-1.77937112847853,0.00234
BP,"GO:2000291","regulation of myoblast proliferation",12,0.685980873891542,1.83759529554114
MF,"GO:0031491","nucleosome binding",49,0.472274535440962,1.74470801976804,0.0023547277
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MF,"GO:0052866","phosphatidylinositol phosphate phosphatase activity",32,0.534675677334691,1.
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BP,"GO:0032608","interferon-beta production",54,-0.383306023972109,-1.78670124541087,0.0024
BP,"GO:0032648","regulation of interferon-beta production",54,-0.383306023972109,-1.786701245
BP,"GO:0051383","kinetochore organization",21,0.590133209667139,1.83635640379727,0.0024406
BP,"GO:1904353","regulation of telomere capping",26,0.553026850228344,1.78249355643383,0.00
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BP,"GO:0090280","positive regulation of calcium ion import",20,-0.531846737186587,-1.906349265
BP,"GO:0002886","regulation of myeloid leukocyte mediated immunity",57,-0.370948272661172,-1.
BP,"GO:0001562","response to protozoan",24,-0.521133526849738,-1.93583572060588,0.0024988
BP,"GO:0032728","positive regulation of interferon-beta production",37,-0.419612554895372,-1.77
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BP,"GO:0008608","attachment of spindle microtubules to kinetochore",33,0.517990731461367,1.77
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BP,"GO:0006694","steroid biosynthetic process",167,-0.239779730833182,-1.38056925000791,0.00
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BP,"GO:0045860","positive regulation of protein kinase activity",382,-0.203706593178054,-1.30676
BP,"GO:0051341","regulation of oxidoreductase activity",90,-0.29830755846024,-1.5266689820710
BP,"GO:0001954","positive regulation of cell-matrix adhesion",54,-0.382387523868552,-1.78241984
BP,"GO:0030857","negative regulation of epithelial cell differentiation",44,-0.403594626227679,-1.7
BP,"GO:0002011","morphogenesis of an epithelial sheet",53,-0.367888886708215,-1.715453666009
BP,"GO:0002710","negative regulation of T cell mediated immunity",27,-0.491551983642151,-1.921
MF,"GO:0042800","histone methyltransferase activity (H3-K4 specific)",17,0.629382738435694,1.82
BP,"GO:0032210","regulation of telomere maintenance via telomerase",51,0.46671028679089,1.73
BP,"GO:1905168","positive regulation of double-strand break repair via homologous recombination"
BP,"GO:0010884","positive regulation of lipid storage",24,-0.51858301136136,-1.92636141366921,0
BP,"GO:0030865","cortical cytoskeleton organization",60,-0.350721221958885,-1.68129541317008,
MF,"GO:0015929","hexosaminidase activity",12,-0.679826683730093,-2.06211618386954,0.002710
BP,"GO:0006700","C21-steroid hormone biosynthetic process",20,-0.529641594018035,-1.89844515
BP,"GO:0043312","neutrophil degranulation",11,-0.677822765550186,-1.96948120636434,0.00272
MF,"GO:0015036","disulfide oxidoreductase activity",39,-0.414750644065898,-1.78663588608096,0
BP,"GO:0032715","negative regulation of interleukin-6 production",46,-0.385456817001795,-1.7260
BP,"GO:0048251","elastic fiber assembly",11,-0.67674979953263,-1.96636359728709,0.002750402
BP,"GO:0042026","protein refolding",23,-0.523749829689651,-1.94189140910877,0.002756931323
BP,"GO:0090189","regulation of branching involved in ureteric bud morphogenesis",21,-0.52736752

MF,"GO:0052629","phosphatidylinositol-3,5-bisphosphate 3-phosphatase activity",11,0.6972747782
BP,"GO:0033047","regulation of mitotic sister chromatid segregation",45,0.465660663185655,1.681
BP,"GO:0098534","centriole assembly",44,0.485049767942094,1.75202371932769,0.002796453065
BP,"GO:0042572","retinol metabolic process",51,-0.389184531716169,-1.77644903513211,0.00281
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BP,"GO:0044788","modulation by host of viral process",28,-0.469708168977887,-1.83356608611915
BP,"GO:1904037","positive regulation of epithelial cell apoptotic process",29,-0.477251584073936,-
MF,"GO:0051861","glycolipid binding",29,-0.477153309697553,-1.87325883370561,0.00283949166
MF,"GO:0030021","extracellular matrix structural constituent conferring compression resistance",22
BP,"GO:0032570","response to progesterone",37,-0.416043513267557,-1.76021537342845,0.00285
BP,"GO:0045779","negative regulation of bone resorption",16,-0.590081195697628,-2.00282314022
BP,"GO:0006997","nucleus organization",128,0.366579021150052,1.54139264431979,0.002859945
BP,"GO:0045622","regulation of T-helper cell differentiation",37,-0.415300441233285,-1.757071551
BP,"GO:0072080","nephron tubule development",91,-0.307734889231704,-1.57053751056972,0.00
BP,"GO:0048332","mesoderm morphogenesis",70,-0.328626512153539,-1.64641611967025,0.0029
BP,"GO:0002820","negative regulation of adaptive immune response",59,-0.344470132591101,-1.64
BP,"GO:0045987","positive regulation of smooth muscle contraction",30,-0.467519367543717,-1.84
BP,"GO:0034110","regulation of homotypic cell-cell adhesion",35,-0.445130299888832,-1.86058470
BP,"GO:0051781","positive regulation of cell division",84,-0.302605585752097,-1.53009879861045,
BP,"GO:0050654","chondroitin sulfate proteoglycan metabolic process",34,-0.454040675681999,-1.8
BP,"GO:0002446","neutrophil mediated immunity",34,-0.453397157106457,-1.85721896386818,0.0
MF,"GO:0003925","G protein activity",39,-0.412314516513407,-1.776141694039,0.0029696462701
BP,"GO:0043300","regulation of leukocyte degranulation",47,-0.374768180789325,-1.70087738756
BP,"GO:0003337","mesenchymal to epithelial transition involved in metanephros morphogenesis",1
MF,"GO:0036002","pre-mRNA binding",35,0.51946045482918,1.79473152392466,0.002996939548
CC,"GO:0016592","mediator complex",39,0.499300017257806,1.76177627760273,0.002998327199
BP,"GO:0016125","sterol metabolic process",145,-0.265242803488733,-1.50921437361202,0.00299
BP,"GO:0000712","resolution of meiotic recombination intermediates",14,0.643698648374333,1.79
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BP,"GO:0042269","regulation of natural killer cell mediated cytotoxicity",45,-0.386269434127529,-1
BP,"GO:0014014","negative regulation of gliogenesis",37,-0.413350991373341,-1.74882373221701,
BP,"GO:1904407","positive regulation of nitric oxide metabolic process",40,-0.404029112074116,-1.
CC,"GO:0030427","site of polarized growth",161,0.349870297822877,1.50677843687169,0.0030459
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CC,"GO:0005583","fibrillar collagen trimer",12,-0.674945698880292,-2.04731070757259,0.0031091
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BP,"GO:0045670","regulation of osteoclast differentiation",63,-0.338843842733498,-1.6497881459
BP,"GO:0045124","regulation of bone resorption",41,-0.411503527678445,-1.80979201666662,0.00
BP,"GO:0034368","protein-lipid complex remodeling",30,-0.46578827921894,-1.84253103808588,0.
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BP,"GO:0009952","anterior/posterior pattern specification",211,-0.236858146100363,-1.376412183
BP,"GO:2000404","regulation of T cell migration",42,-0.415651758715804,-1.83788076870611,0.003
BP,"GO:0061365","positive regulation of triglyceride lipase activity",10,-0.714455066228746,-2.0254

BP,"GO:0010452","histone H3-K36 methylation",13,0.662676112922764,1.81108605982385,0.0033
BP,"GO:0061326","renal tubule development",94,-0.299743699375568,-1.53390019268826,0.00332
MF,"GO:0003714","transcription corepressor activity",180,0.341259462774752,1.4878895930737,0
BP,"GO:0030656","regulation of vitamin metabolic process",12,-0.672505049437367,-2.0399074931
BP,"GO:0042073","intraciliary transport",35,0.517593629585827,1.78828165833286,0.0033380474
BP,"GO:0043981","histone H4-K5 acetylation",16,0.629860465083166,1.82879928571037,0.003350
BP,"GO:0043982","histone H4-K8 acetylation",16,0.629860465083166,1.82879928571037,0.003350
BP,"GO:0044060","regulation of endocrine process",35,-0.440044593148695,-1.83932713979037,0.
BP,"GO:0072498","embryonic skeletal joint development",15,-0.60554927086513,-1.977295754726
CC,"GO:0045277","respiratory chain complex IV",23,-0.518901699405671,-1.92391614302748,0.003
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BP,"GO:0007269","neurotransmitter secretion",142,0.358856543898786,1.53029733196855,0.0034
BP,"GO:0099643","signal release from synapse",142,0.358856543898786,1.53029733196855,0.0034
BP,"GO:0001991","regulation of systemic arterial blood pressure by circulatory renin-angiotensin",1
MF,"GO:0005049","nuclear export signal receptor activity",10,0.705028577560493,1.789037314492
BP,"GO:2000113","negative regulation of cellular macromolecule biosynthetic process",179,0.34301
BP,"GO:0010875","positive regulation of cholesterol efflux",26,-0.469152870515158,-1.7998708604
MF,"GO:0005536","glucose binding",11,-0.666924382970262,-1.93781487592838,0.003430198929
BP,"GO:0006284","base-excision repair",42,0.492513909477941,1.76113811575906,0.00343797006
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MF,"GO:0016894","endonuclease activity, active with either ribo- or deoxyribonucleic acids and proc
BP,"GO:0060352","cell adhesion molecule production",14,-0.608686905393382,-1.95802990792009
CC,"GO:0071339","MLL1 complex",31,0.534365134312542,1.80682961914875,0.003475091828998
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MF,"GO:0019003","GDP binding",71,-0.322508951814247,-1.6268463454341,0.0035105588326686
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CC,"GO:0031462","Cul2-RING ubiquitin ligase complex",21,0.58289942705349,1.81384656566472,0
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BP,"GO:0090043","regulation of tubulin deacetylation",17,0.623844083304087,1.81091455466717,
BP,"GO:0050869","negative regulation of B cell activation",34,-0.449825983326838,-1.84259061527
MF,"GO:0016896","exoribonuclease activity, producing 5'-phosphomonoesters",37,0.499064181680
BP,"GO:1904888","cranial skeletal system development",70,-0.324392590663342,-1.625204207870
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MF,"GO:0005506","iron ion binding",145,-0.262003376559177,-1.49078224418175,0.00368632650
BP,"GO:0048710","regulation of astrocyte differentiation",28,-0.459125106421539,-1.79225374396
BP,"GO:0032233","positive regulation of actin filament bundle assembly",59,-0.338772276616218,-1
BP,"GO:2000508","regulation of dendritic cell chemotaxis",11,-0.662873182905927,-1.92604371273
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CC,"GO:0097731","9+0 non-motile cilium",123,0.368116779946635,1.54287953634996,0.00373654
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BP,"GO:0071451","cellular response to superoxide",20,-0.516899317037752,-1.8527717939692,0.0
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CC,"GO:0031258","lamellipodium membrane",22,-0.528230019124348,-1.94499574134736,0.00376
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CC,"GO:0034385","triglyceride-rich plasma lipoprotein particle",19,-0.567144599268419,-2.0077964
MF,"GO:0030371","translation repressor activity",28,0.525750134145127,1.72562999390617,0.003
MF,"GO:0005085","guanyl-nucleotide exchange factor activity",218,0.330337745954347,1.4604381

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CC,"GO:0044194","cytolytic granule",13,-0.630815936571968,-1.9935370374325,0.0038560577543
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CC,"GO:0099146","intrinsic component of postsynaptic density membrane",52,0.448835518321783,
BP,"GO:0071605","monocyte chemotactic protein-1 production",18,-0.549839127104632,-1.933804
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BP,"GO:0003197","endocardial cushion development",47,-0.368700440725954,-1.67333907883276,
BP,"GO:0036124","histone H3-K9 trimethylation",17,0.621836020602295,1.80508548604141,0.0039
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BP,"GO:0043627","response to estrogen",68,-0.323684737215412,-1.60944529713141,0.003965319
BP,"GO:0090201","negative regulation of release of cytochrome c from mitochondria",19,-0.566024
BP,"GO:0001773","myeloid dendritic cell activation",29,-0.467842698225411,-1.83670625231737,0.
BP,"GO:0060353","regulation of cell adhesion molecule production",11,-0.659543739072195,-1.916
CC,"GO:0044666","MLL3/4 complex",14,0.63296744136257,1.76780301159463,0.00401746925368
BP,"GO:0072540","T-helper 17 cell lineage commitment",13,-0.625409345281914,-1.976450848961
BP,"GO:2001239","regulation of extrinsic apoptotic signaling pathway in absence of ligand",43,-0.37
BP,"GO:0006399","tRNA metabolic process",157,0.349819726851266,1.50411891850742,0.0040412
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BP,"GO:0034138","toll-like receptor 3 signaling pathway",18,-0.5459453113232,-1.92010956087916
CC,"GO:0045211","postsynaptic membrane",265,0.31223728904192,1.40194492486817,0.0041055
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BP,"GO:0043368","positive T cell selection",36,-0.404508786816181,-1.71220677538829,0.0041158
BP,"GO:0019511","peptidyl-proline hydroxylation",14,-0.602526201893924,-1.93821209748441,0.0
BP,"GO:0038084","vascular endothelial growth factor signaling pathway",39,-0.406012163131623,-1
BP,"GO:0031640","killing of cells of another organism",39,-0.405627823844749,-1.74733719366764
BP,"GO:0006304","DNA modification",111,0.373245008898509,1.54304701775496,0.004140700915
BP,"GO:0045649","regulation of macrophage differentiation",22,-0.524536176648252,-1.931394644
BP,"GO:0090183","regulation of kidney development",32,-0.445634389879327,-1.78831693959315,
BP,"GO:0009408","response to heat",103,-0.297604741642836,-1.54383175603284,0.00415090334
BP,"GO:0022618","ribonucleoprotein complex assembly",157,0.349499685729307,1.502742838574
BP,"GO:0042770","signal transduction in response to DNA damage",163,0.341346055974527,1.4731
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BP,"GO:1990138","neuron projection extension",169,0.338028842013531,1.46094434789168,0.004
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BP,"GO:1905332","positive regulation of morphogenesis of an epithelium",36,-0.3935307076292,-1.
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BP,"GO:0061001","regulation of dendritic spine morphogenesis",42,0.470922478206983,1.6839311
BP,"GO:0002347","response to tumor cell",37,-0.388712450414114,-1.64458189886967,0.0075525
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BP,"GO:0097202","activation of cysteine-type endopeptidase activity",19,-0.540118789705404,-1.91
BP,"GO:0030730","sequestering of triglyceride",18,-0.523370335382487,-1.84071254758616,0.0077
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BP,"GO:0002823","negative regulation of adaptive immune response based on somatic recombinatic
MF,"GO:0070840","dynein complex binding",20,0.560865230803803,1.71566505711509,0.0079153
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BP,"GO:0097067","cellular response to thyroid hormone stimulus",17,-0.534340118491759,-1.8567
BP,"GO:0003198","epithelial to mesenchymal transition involved in endocardial cushion formation",
MF,"GO:0046030","inositol trisphosphate phosphatase activity",10,0.672839109337708,1.70735529
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BP,"GO:0110151","positive regulation of biomineralization",49,-0.354839122102911,-1.6259410435
BP,"GO:0034123","positive regulation of toll-like receptor signaling pathway",27,-0.4592504591045
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BP,"GO:0048147","negative regulation of fibroblast proliferation",29,-0.437052071359739,-1.7158
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BP,"GO:0071229","cellular response to acid chemical",75,-0.311386344535673,-1.56869311755033,
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BP,"GO:0051298","centrosome duplication",71,0.415671604083928,1.62445205114407,0.00877533
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BP,"GO:0070918","primary sncRNA processing",51,0.44503751567786,1.65317279398414,0.009145
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BP,"GO:0010454","negative regulation of cell fate commitment",11,-0.629080273270937,-1.827855(
BP,"GO:0045603","positive regulation of endothelial cell differentiation",11,-0.627890236258499,-1
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MF,"GO:0016614","oxidoreductase activity, acting on CH-OH group of donors",133,-0.25385266066
MF,"GO:0070717","poly-purine tract binding",29,0.492546911432343,1.63964651846311,0.009316
BP,"GO:0043247","telomere maintenance in response to DNA damage",13,0.627076181037918,1.71
BP,"GO:2000781","positive regulation of double-strand break repair",55,0.420530427024539,1.5731
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BP,"GO:0010803","regulation of tumor necrosis factor-mediated signaling pathway",50,-0.34641582
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CC,"GO:0042734","presynaptic membrane",141,0.344082273864802,1.46585194080198,0.0098036
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BP,"GO:0030833","regulation of actin filament polymerization",128,-0.251767586281504,-1.400997
BP,"GO:0044774","mitotic DNA integrity checkpoint signaling",78,0.382619657156049,1.504337643
BP,"GO:0014065","phosphatidylinositol 3-kinase signaling",137,-0.248815802935529,-1.403997890
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MF,"GO:0043014","alpha-tubulin binding",35,0.488503977838219,1.68777715500433,0.009941117
BP,"GO:0043373","CD4-positive, alpha-beta T cell lineage commitment",20,-0.481876080258763,-1.

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MF,"GO:0004438","phosphatidylinositol-3-phosphatase activity",18,0.579452323516131,1.7137206
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BP,"GO:0045137","development of primary sexual characteristics",226,-0.212014929806842,-1.2327
BP,"GO:1900017","positive regulation of cytokine production involved in inflammatory response",22
BP,"GO:0006476","protein deacetylation",112,0.35337468061177,1.46410171480275,0.011060178
BP,"GO:0033108","mitochondrial respiratory chain complex assembly",82,-0.291257035004402,-1.4
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BP,"GO:0035278","miRNA-mediated gene silencing by inhibition of translation",11,0.649664096401
BP,"GO:0001658","branching involved in ureteric bud morphogenesis",57,-0.34218941558696,-1.62
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BP,"GO:0071634","regulation of transforming growth factor beta production",38,-0.3792389847709
BP,"GO:0051656","establishment of organelle localization",386,0.285956385594455,1.30437301778
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BP,"GO:0006359","regulation of transcription by RNA polymerase III",29,0.485607059552308,1.6165
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BP,"GO:0071825","protein-lipid complex subunit organization",47,-0.337434855838355,-1.5314408
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BP,"GO:0016042","lipid catabolic process",315,-0.201549547322969,-1.22063589317804,0.0123368
BP,"GO:0046620","regulation of organ growth",85,-0.279077443748582,-1.41268439767328,0.0123
CC,"GO:0071013","catalytic step 2 spliceosome",85,0.377125592660443,1.50819376545722,0.0123
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8,1.47170645644282e-08,3.60143048567471e-07,2.34206861537697e-07,3936,"tags=49%, list=22%
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4,1.922354142271e-08,4.50188516573696e-07,2.92764888803022e-07,4820,"tags=63%, list=27%, sig
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II",28,-0.677714741630534,-2.64554642304985,1.4733665101775e-07,2.70374501275397e-06,1.75
02267,-2.75188198677293,1.48335195602597e-07,2.71588258130573e-06,1.76618246056011e-06,2
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e-07,3.23566125275685e-06,2.10420295496927e-06,6708,"tags=54%, list=37%, signal=35%","16404
e-07,3.28533599407547e-06,2.13650724435708e-06,4278,"tags=38%, list=24%, signal=29%","8322/6

893146634218e-07,3.49679106745046e-06,2.27401990575196e-06,3602,"tags=45%, list=20%, signa
58870472e-07,3.69220065467827e-06,2.40109792744653e-06,4624,"tags=65%, list=26%, signal=48%
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338e-07,3.77025527927983e-06,2.45185811490301e-06,4278,"tags=41%, list=24%, signal=31%","83
7418805e-07,3.80620333581875e-06,2.47523571870197e-06,2389,"tags=36%, list=13%, signal=32%"
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'61e-07,4.00263788289769e-06,2.60298028839986e-06,3102,"tags=33%, list=17%, signal=27%","371
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041,2.56496842597388e-07,4.47259429429557e-06,2.90860055959717e-06,4498,"tags=40%, list=25
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56,2.60988805367987e-07,4.53130563802695e-06,2.94678149799562e-06,6596,"tags=62%, list=37%
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n of immune receptors built from immunoglobulin superfamily domains",99,-0.394933247341507,-2
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109152502e-07,1.29341510249673e-05,8.41128804307511e-06,6359,"tags=72%, list=35%, signal=46
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375,3.42022682011247e-06,4.36661604799146e-05,2.83968118837264e-05,3468,"tags=87%, list=19
49917762927,3.43069264794753e-06,4.37207988023943e-05,2.8432344070391e-05,5925,"tags=58%
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78909e-06,4.44621886733705e-05,2.89144819196369e-05,4566,"tags=38%, list=25%, signal=29%","
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,3.61775268310848e-06,4.56812156976833e-05,2.97072349510492e-05,4170,"tags=49%, list=23%,
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94169550611e-06,4.72401535921832e-05,3.07210375304834e-05,3849,"tags=57%, list=21%, signal=
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12787265e-06,4.77918451559845e-05,3.10798114960193e-05,3092,"tags=40%, list=17%, signal=33%
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4.01147289249295e-06,4.99481076073002e-05,3.2482063915948e-05,3900,"tags=38%, list=22%, sig
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993283373319e-06,5.17391346137518e-05,3.36467978064918e-05,4827,"tags=54%, list=27%, signa
762,-2.48875439239845,4.21615496298087e-06,5.20143099261469e-05,3.38257487720735e-05,15
52,-2.48875439239845,4.21615496298087e-06,5.20143099261469e-05,3.38257487720735e-05,156
,-1.56447877493038,4.25481011125731e-06,5.24109331135916e-05,3.40836792591786e-05,3957,"
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3e-06,5.44222381694453e-05,3.53916635354269e-05,3854,"tags=45%, list=21%, signal=35%","1965
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4.98586968765684e-06,6.05824527960234e-05,3.93977509493817e-05,2912,"tags=30%, list=16%, si
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947047,5.29449418086322e-06,6.39466943343839e-05,4.15855717480569e-05,3602,"tags=44%, lis
90998,-2.39124894930351,5.34421418608333e-06,6.44505830585139e-05,4.19132587521852e-05,
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84964051e-06,6.56322903114984e-05,4.26817421314388e-05,4102,"tags=41%, list=23%, signal=32
18,5.54975231903128e-06,6.66301112997257e-05,4.33306412923659e-05,3729,"tags=35%, list=21
116,5.63562901579747e-06,6.7560457367953e-05,4.39356604192106e-05,3933,"tags=62%, list=22%
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0609,6.15683091872677e-06,7.34806368611302e-05,4.77856490955215e-05,4682,"tags=44%, list=2
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17014,6.94889957321706e-06,8.17231167326082e-05,5.31458673467557e-05,2013,"tags=54%, list
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932,7.56780425446114e-06,8.82289885295788e-05,5.73767412208898e-05,3995,"tags=35%, list=22
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e-06,9.161246735891e-05,5.95770723416734e-05,2044,"tags=73%, list=11%, signal=64%","1524/63
297e-06,9.22233253213857e-05,5.99743231752125e-05,4357,"tags=60%, list=24%, signal=45%","13
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190911321e-05,0.00015878364329104 9,0.00010325957673385 7,3358,"tags=31%, list=19%, signal=2
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313621e-05,0.00016338767517556 4,0.00010625365328866 1,4643,"tags=53%, list=26%, signal=39%"
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..73833030095066e-05,0.00018234360552680 3,0.00011858100202619 8,3736,"tags=37%, list=21%,
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523,2.28484366729651e-05,0.00023123995708217,0.00015037909193513 3,3247,"tags=37%, list=18
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3,0.00801603261030018,0.0313785999555774,0.0204060121228909,3602,"tags=80%, list=20%, sigr
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30%","11043/7128/56829/1755/3456/5551/91351/81030/23586/5611/10875/6397/200315/91607/
/6648/2878/4495/10549/5052/84817/9536/83667/4258/10516/5743/4257/4504/4846/348/241/21
=32%, signal=31%","130507/51592/6596/8554/8925/57531/57542/54542/283450/387921/9666/197
52/9575/8473/1386/57634/80018/60560/26009/57673/54799/10902/26122/57551/4297/85459/26
3547/5705/12/5005/2335/3959/3306/335/3250/721/4478/3303/2040/3304/2162/348/714/51129/6
st=25%, signal=33%","64968/7388/219927/54460/56993/65993/29093/7416/293/26517/92259/134
%","23332/55183/10734/5253/7514/26013/7756/23122/5048/324/1060/7158/26039/27085/546/2
nal=28%","6188/2219/64127/2268/64332/56940/7462/5144/1240/29085/100423062/8547/3265/9
,"tags=46%, list=24%, signal=35%","51561/284/55024/2185/11009/3082/8784/51704/10456/2065/3
signal=34%","9252/9575/8473/1386/57634/26009/57673/54799/10902/26122/4297/26053/4204/68
gnal=30%","5627/7078/10406/5266/330/6317/140686/89778/8710/1473/1472/5045/720/831/874
0%, list=22%, signal=47%","4615/7099/5336/7128/3929/3654/7097/23328/10221/4064/3661/3656/
,"255743/7078/401138/3918/1282/10319/2192/375567/3339/4017/83872/27283/1287/25975/227
list=22%, signal=31%","7099/5580/5336/57126/55022/5446/1536/9973/215/2308/10333/64581/84
nal=43%","4714/4708/4707/9377/4709/6389/4697/1537/4729/1350/11315/4696/4717/4711/4706/
gnal=39%","8473/1386/151050/57634/80018/60560/26009/54799/55578/10902/26122/6873/51105
%","8473/1386/151050/57634/80018/60560/26009/54799/55578/10902/26122/6873/51105/7994/8
25e-07,3982,"tags=44%, list=22%, signal=35%","336/7099/51704/8809/5336/933/9466/3456/11454

l=55%","503841/6359/6366/729230/6772/10763/6367/6362/414325/414062/29097/6351/4283/63
e-07,1.28337072982081e-07,2863,"tags=72%, list=16%, signal=61%","10437/3117/3118/3109/3119/
%","9252/9575/8473/1386/57634/26009/57673/54799/10902/26122/4297/26053/4204/6873/5110
714/4708/4707/9377/4709/6389/6390/51079/4697/1537/4729/1350/126328/7384/4696/4717/559
8572/2316/27295/165904/64236/5829/2275/2317/3611/51474/79784/5239/29109/4919/11170/7
0%, signal=38%","114548/653499/29126/84766/4063/4092/30009/3662/3718/64332/54440/3558/
gnal=38%","257101/114548/84766/4063/4092/30009/3662/3718/6469/64332/54440/3558/604/345
347/4714/4708/7415/2108/4707/9377/4709/215/84883/6389/6390/847/4697/2395/63976/27069/
=20%, signal=34%","257101/3456/114548/2064/10875/1493/4092/30009/57864/3662/3718/6469/6
t=23%, signal=43%","51142/4714/4708/4707/9377/4709/6389/4697/27069/1537/4729/1350/11315
,"tags=55%, list=23%, signal=43%","51142/4714/4708/4707/9377/4709/6389/4697/27069/1537/472
%, signal=52%","11074/11043/7113/4261/920/2219/8547/53840/10346/85363/10475/5034/81603
=40%","2157/5265/2621/7450/12/5005/7424/2335/54863/5054/5155/10490/83706/1675/7114/226
gs=53%, list=24%, signal=40%","51561/51744/6504/8140/7099/8809/5142/9466/7474/64581/11119
=40%","51142/1347/4714/4708/7415/4707/9377/4709/215/6389/4697/2395/27069/1537/10105/47
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40%, list=20%, signal=33%","7474/2064/7291/6869/5228/7039/1956/1499/64127/6469/2263/54959
%, signal=41%","51142/4714/4708/2108/4707/9377/4709/84883/6389/6390/4697/27069/1537/839
=30%","5627/7078/10406/5266/330/6317/140686/89778/8710/1473/1472/5045/720/831/8740/272
l=31%","5446/373156/9973/64359/6722/5292/847/6351/2984/4747/2938/7097/145226/11315/29
'1191/3082/5627/3481/81/340205/51097/928/2157/5265/2621/3690/7450/12/5005/6622/5175/33
2%, signal=34%","7072/50804/84530/23543/11052/27327/10521/79882/91746/26058/54542/5522
8%","8809/64005/3456/114548/5551/8772/4092/30009/3004/64127/56940/912/54440/10859/110
114032538e-07,3076,"tags=33%, list=17%, signal=28%","6469/4054/56940/4015/23213/4088/8425/
, list=27%, signal=49%","255231/9370/351/64170/8832/245937/4615/7099/4023/7474/3929/64581
%, list=20%, signal=38%","79834/2192/7301/9341/6480/1942/3987/2316/3690/4070/81848/10109/
=16%, signal=38%","4088/9241/90/4208/468/5978/51232/10140/57045/7424/115908/2735/374/74
signal=66%","285/284/7010/4854/8710/947/6943/7490/5159/5175/5155/3570/1958/80310/13049
, list=11%, signal=34%","6318/54625/5468/79132/8815/10062/84868/3134/4938/11274/25939/313
3%, signal=35%","9252/9575/8473/1386/57634/26009/57673/54799/10902/26122/4297/26053/420
ags=53%, list=17%, signal=44%","6469/64332/54440/3458/3071/51043/3594/11006/3142/6850/865
, signal=38%","4615/7099/330/5336/55366/7128/10333/3929/7100/3654/7301/7097/3662/64127/
%, list=20%, signal=33%","114548/64581/23787/51024/51079/8772/2149/6188/1942/64065/9647/1
signal=35%","55294/57542/11146/54800/55832/57643/80067/10324/81545/23588/50717/554251
gnal=36%","5079/5447/8538/7059/10269/387733/54/3227/649/3638/3373/51804/6899/7480/517
list=20%, signal=39%","7474/3929/6351/5228/8740/1240/2358/2621/3071/10563/23075/719/7424
,"257101/3456/114548/3552/2064/6722/338339/26253/10875/84766/1493/4063/1794/8772/4092
signal=37%","3673/3688/3693/7474/6722/10736/2114/7481/6657/1291/1499/2263/4088/3679/924
gnal=37%","10269/387733/51119/79176/2185/6899/7480/401138/6696/1311/7475/55366/2261/1
gnal=31%","3082/4058/7010/4915/8784/58533/9467/51704/10456/5580/2065/3481/5336/3578/15
517e-07,2863,"tags=73%, list=16%, signal=62%","10437/3117/3118/3109/3119/1520/3120/3122/151
t=22%, signal=50%","11074/11043/7113/4261/920/2219/8547/53840/2519/857/10346/85363/3576
nal=76%","2923/3117/55080/3118/3109/3119/3120/3122/3123/3113/3108/6892/3111/567/3115/8
gs=89%, list=15%, signal=76%","2923/3117/55080/3118/3109/3119/3120/3122/3123/3113/3108/68
%, signal=54%","133396/124912/10333/7474/3929/90865/120892/671/8530/6622/6348/4282/9173
gnal=47%","3683/5294/3685/8754/64805/3680/22915/22801/54997/255743/8631/3695/3673/3688
%","4017/947/8854/23213/3091/7432/11235/3725/3690/7472/4208/28984/3357/7424/3592/857/
4/54874/79598/80184/9857/4750/5991/9786/339829/221322/54839/153241/132320/55717/2932/
%, signal=30%","130507/51592/6596/8925/57531/57542/54542/283450/387921/9666/197131/143
39%","8658/55294/10734/9113/23126/7756/23383/324/1060/6421/25836/546/4926/8452/12956

4045/5980/55183/196528/56916/388649/54891/57634/80010/22909/23126/54799/10902/26122/6
s=37%, list=17%, signal=31%","4940/83643/2950/3091/9825/2621/3661/3656/9641/5777/10019/59
ignal=32%","10459/4092/10252/23493/4017/7481/26508/1499/8854/3169/1942/6469/2263/8092/
5904/64236/5829/2275/2317/3611/51474/79784/5239/29109/4919/11170/79778/10979/59/7171/
gnal=41%","27295/165904/64236/5829/2275/2317/3611/51474/79784/5239/29109/4919/11170/79
%, list=29%, signal=32%","5170/9252/84033/673/22848/9706/5599/4750/10746/200576/9113/561
92259/51142/1347/4714/4708/7415/4707/9377/4709/215/6389/6390/847/4697/2395/27069/1537
,"tags=36%, list=17%, signal=30%","10959/10945/2157/5265/4043/57410/9262/2335/10972/374/81
0269/387733/51119/79176/2185/6899/7480/401138/6696/1311/7475/55366/2261/123041/9365/7
al=51%","3127/920/10859/3117/55080/3118/3109/3119/3120/10288/3122/3123/972/3113/3108/3
gnal=40%","8473/1386/151050/57634/26009/54799/55578/10902/26122/6873/51105/7994/80314/
1%","55183/22955/5253/26013/57673/55729/51535/4204/23304/23347/353274/23028/54737/717
=43%","5551/8772/3004/912/10859/11035/3071/3594/3592/1512/3134/3122/3140/1075/3123/313
40%","10927/55904/2186/5253/26013/23613/26009/54799/169981/26108/23140/7158/22823/546
21%, signal=40%","10927/55904/2186/5253/26013/23613/26009/54799/169981/26108/23140/7158
st=16%, signal=33%","23213/3091/7432/11235/3725/3690/7472/4208/28984/3357/7424/3592/857/
36483e-07,2489,"tags=73%, list=14%, signal=63%","3117/3118/3119/3120/3134/3122/3123/3135/9
73%, list=14%, signal=63%","3117/3118/3119/3120/3134/3122/3123/3135/972/3113/6892/81502/3
-07,3215,"tags=58%, list=18%, signal=48%","11074/11043/7113/4261/920/2219/8547/53840/2519/6
=28%","7097/920/1499/10221/8544/3662/3718/3205/2124/4015/2113/3394/10859/3091/604/271
444/55848/171389/5054/5230/1512/3250/2023/302/8767/7123/1514/5641/5327/83874/4323/578
/91746/57187/7514/23049/53371/9877/3800/65110/23165/23299/9984/64901/7175/9284/55746/
al=32%","354/1907/9370/6647/4159/477/80852/5125/2028/3816/552/623/91608/10159/151/5972
l=30%","10459/6939/4092/10252/23493/4017/7481/2297/26508/1499/8854/3169/1942/6469/2263
52/9575/8473/1386/57634/26009/57673/54799/10902/26122/4297/26053/4204/6873/51105/7994
, signal=31%","3082/4058/7010/4915/8784/58533/9467/51704/10456/5580/2065/3481/5336/3578
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%","5980/55183/196528/56916/57634/56776/80010/51366/22909/23126/54799/10902/26122/642
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.258227297346e-07,3567,"tags=38%, list=20%, signal=30%","114548/64581/23787/51499/51024/51
7%, list=22%, signal=37%","7475/55366/6608/1282/7474/4435/6722/9620/10736/10252/2297/149
0%, signal=32%","7474/81030/23586/3654/8772/7097/85480/4940/83643/2950/3091/9825/2621/3
868/5878/51393/10961/6809/3690/2923/10211/54843/10972/5879/10457/10130/23193/302/787
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254048/55183/22955/257218/5253/26013/57673/55729/51535/4204/7994/23304/23347/353274/
%","11052/7248/91746/57187/23049/55051/9877/9984/7175/55746/7919/160419/4686/9972/232
%","1373/90/799/3931/5978/2354/249/2353/306/8644/2629/133/5724/374/7477/687/3586/11490
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,"196528/10734/57634/257218/57492/54799/10902/26122/7994/80314/8295/26039/80169/25913
gs=51%, list=17%, signal=43%","1942/5025/2113/3091/11235/1647/29775/4208/23616/28984/1617
nal=32%","6342/158219/6696/336/5972/5580/344/29923/4023/3552/51499/56729/440503/51024/
26%","10019/10461/8644/6348/4233/23533/1524/10253/1116/1605/3611/6352/10385/6376/9270
gnal=47%","51561/6504/7099/8809/9466/84766/30009/3718/10148/3265/3594/3142/9173/51176
3/9283/928/7097/6657/84504/1499/6469/5025/4118/27185/80045/26227/2250/6279/2358/16317
%","23543/7804/10152/158866/65981/23098/4133/57498/816/5048/5063/2932/1996/7337/10507
%, list=22%, signal=41%","115362/4615/7099/6288/4023/3603/114548/10333/7474/64581/64127/
gnal=38%","7498/55273/10855/4615/57493/10411/1003/54538/7414/23493/1499/25932/5144/90/
=22%, signal=36%","55183/91746/5926/22955/11146/5253/57492/26013/57673/51742/55729/5153
=31%","6822/3294/2488/54884/57665/6696/10159/5972/51144/3972/2516/590/51635/8614/6121
","1956/3169/6469/2263/23213/6195/9241/2246/5241/3371/57045/2735/857/374/9420/1605/340

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32%","2891/5170/10142/7248/9863/7804/57120/9162/158866/3631/22849/107/27445/23373/923
9%, signal=36%","10459/4092/10252/23493/4017/7481/26508/1499/3169/1942/2263/8092/3091/6
e-06,9.18759320287304e-07,3333,"tags=36%, list=19%, signal=30%","63976/4092/10252/375567/22
","23543/55236/7804/10152/158866/22849/65981/23098/4133/57498/23373/816/5048/9231/5063
10927/55183/57542/93627/23005/9857/11064/9113/56776/7756/23122/11083/5048/114791/854
%, signal=62%","3127/920/3117/3118/3109/3119/3120/3122/3123/972/3113/3108/3111/567/5315
,"tags=47%, list=25%, signal=36%","84275/54/1497/4780/2185/5880/7498/7099/5580/5336/57126/
41%","150356/1311/4209/64764/2261/4880/10736/81029/4092/4017/7483/85301/1499/4054/512
1956/1499/2950/10437/3725/7157/2621/11285/7472/5159/11314/2335/4609/5155/7477/4282/12
23332/55704/51361/157922/9857/4133/84251/7756/23122/22983/5048/166614/324/114791/8545
)/51455/55704/5000/26057/54891/80010/5930/79915/51426/55218/51750/80169/146059/546/25
05e-06,3018,"tags=51%, list=17%, signal=42%","123720/51014/203547/81501/51614/7039/6891/10
signal=38%","11052/8658/7248/91746/57187/7514/23049/55051/53371/9877/387990/3800/65110
s=43%, list=22%, signal=34%","55646/84166/7128/60343/10875/6397/7301/10221/4940/10859/527
%, signal=32%","373156/9973/64359/5292/847/2938/145226/11315/2950/1193/84203/10715/942
90070/8754/3673/3688/131578/6469/3679/59339/27076/284297/1605/1520/4811/1893/4059/641
list=18%, signal=27%","7481/2824/93663/55616/4607/2017/54959/5144/29085/9647/4088/3265/2
648/2878/10549/5052/84817/9536/83667/4258/5743/4257/4504/348/241/4259/9588/493869/172
9%, signal=29%","51024/138065/51079/5478/9181/83787/10105/259230/120892/90441/6188/113
51%, list=21%, signal=40%","55183/22955/5253/26013/57673/55729/51535/4204/80314/23304/58
6%","3117/3118/3119/3120/3134/3122/3123/3135/972/3113/6892/81502/3133/5476/3107/3115/
gs=38%, list=17%, signal=32%","2017/11315/4118/2950/90/2923/2668/5366/653/64798/5054/857/
373156/9973/64359/5292/847/2938/145226/11315/2950/1193/84203/9429/6280/57016/10327/66
=17%, signal=38%","6469/64332/54440/5105/3558/604/3458/3071/8876/51043/2736/3594/11006
53e-06,4240,"tags=53%, list=24%, signal=40%","11221/5678/115362/4615/7099/8773/215/10333/39
gs=46%, list=18%, signal=38%","4092/30009/3718/64127/56940/10859/604/5272/3071/5777/1100
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=53%, list=22%, signal=42%","115362/4615/7099/4023/114548/10333/7474/64581/64127/113277/
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/8658/7248/91746/57187/7514/23049/55051/53371/9877/387990/3800/65110/23165/23299/998
707/1499/947/6469/2263/54959/64065/360/147495/1745/6786/4038/340419/5083/249/2736/505
, list=20%, signal=45%","257101/114548/4092/30009/3662/3718/6469/64332/54440/3558/604/345
=51%, list=19%, signal=41%","10459/4092/10252/4017/1499/3169/1942/8092/6910/4088/200734/9
%, list=18%, signal=34%","23328/54453/5025/2113/9647/3091/3725/3458/3690/2246/10769/6997,
,"9580/4091/338557/2867/6517/5468/4929/6239/8651/10124/6495/7538/3164/9573/1050/3400/
, signal=45%","336/55646/5336/3673/124912/64581/78989/5795/1794/720/10326/140885/2219/6
=43%","3662/3394/10859/2621/28959/55509/55365/4853/10288/7226/10538/7048/4067/3135/22
l=27%","6648/2878/10549/5052/84817/9536/83667/4258/10516/5743/4257/4504/4846/348/241/4
936,"tags=55%, list=16%, signal=46%","10859/5272/6318/84868/3134/3135/3965/3133/100507436,
5828920301005e-06,2863,"tags=71%, list=16%, signal=60%","10437/3117/3118/3109/3119/1520/31
2936,"tags=58%, list=16%, signal=48%","10859/5272/6318/84868/3134/3135/3965/3133/100507436
,"4153/1191/4239/729/78989/720/2219/100423062/8547/730/28984/721/3553/717/1675/714/71
gs=39%, list=21%, signal=31%","3578/7128/51060/3552/54929/51499/51079/5478/2395/9181/8378
164045/80205/84181/56916/1106/1107/51750/25913/546/170506/26038/2071/7486/10111/2543
%, signal=43%","3683/4831/3685/83605/8754/5764/1495/10451/3680/22801/2185/3695/8751/571
41%","3702/350/5125/5447/5330/64805/22925/552/336/400/344/338328/2261/440503/5045/195
045/55023/23332/23353/8658/10734/79598/388649/192670/56776/80010/26013/23126/7756/23
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signal=44%","58508/29915/23269/4297/81887/6872/6874/8085/284058/23512/9757/22976/23054
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:33%, signal=38%","57337/85015/23358/114803/25862/23252/84196/161725/26054/23032/84749/
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4%, list=26%, signal=48%","4192/1020/55971/2185/7010/10458/10456/10411/29085/3265/90952/3
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2489,"tags=86%, list=14%, signal=74%","3117/3118/3109/3119/3120/3122/3123/3113/3108/3111/5
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st=39%, signal=41%","23332/5253/7514/7756/23122/5048/324/1060/7158/26039/27085/546/7175
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%","7072/84530/23543/10521/91746/284695/55225/58517/58155/6431/10772/135295/246744/29
60626/3688/3693/7474/7358/6722/10736/81029/2114/7481/6657/1291/1499/2263/4088/3679/271
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17%, signal=51%","5025/2246/10563/4233/8823/64094/4851/2260/5641/7114/7057/5587/3315"
%, list=26%, signal=35%","400830/245939/51561/414325/6156/7099/85569/1755/3929/1991/58985
3%, list=23%, signal=33%","7010/10855/7295/10456/3481/3688/5795/1956/2159/5025/11315/6422
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ags=50%, list=20%, signal=40%","653499/2064/29126/80380/1493/6469/10859/3558/27242/654346
%, signal=37%","4153/845/553115/6283/57126/1755/123041/7125/170591/79720/6279/6276/310/
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4%","91746/57187/23049/9877/9984/7175/55746/7919/160419/4686/23293/26097/55998/26019/
,"tags=57%, list=18%, signal=47%","4017/1499/8092/4088/90/28984/51176/1277/650/1601/4851/3
%, signal=70%","8710/947/7490/5159/5155/3570/1958/80310/2303/4851/59/652/2828"
%, list=33%, signal=39%","8658/54464/7756/80351/324/51750/80169/25913/546/7175/84861/1011
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2891/5170/10142/7248/9863/7804/57120/9162/158866/3631/22849/107/27445/23373/9231/899
nal=36%","5650/10211/4319/2191/4314/1520/170689/4921/3915/9507/4327/1513/57326/9622/64
9%","55183/5926/57673/51742/4297/4204/55870/79813/546/23028/9682/26036/4089/55818/838
05,3936,"tags=39%, list=22%, signal=31%","4615/7099/11074/8809/5336/6608/4693/11043/4760/1
signal=38%","84959/5627/1311/5580/5592/928/947/10019/2191/5054/5155/7103/7035/5055/532
st=18%, signal=31%","920/1499/10221/3205/2124/4015/2113/10859/3091/4920/3458/3071/85477/
=45%","5336/6608/3688/10333/90865/7097/120892/2358/3725/3458/8530/6622/4314/6348/1524
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%","2219/5713/5688/8547/5705/5693/5710/5719/5721/8733/5694/5704/90637/5715/5691/5686/5
e-05,2052,"tags=42%, list=11%, signal=38%","3725/4208/3162/5155/5031/3586/5468/9294/6648/95
5%","7099/330/8809/81/114548/10333/3654/7097/1956/23328/6188/64127/8740/3987/10392/11
gnal=34%","6894/64848/54464/10521/129450/93587/57472/9683/5431/23405/221078/83479/255
897,"tags=38%, list=22%, signal=30%","7108/57414/81501/51614/54499/83460/11153/80131/3127/
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l=39%","91746/55015/51747/23451/6936/58155/6431/10772/11168/135295/9169/7919/4686/673
69,"tags=58%, list=9%, signal=53%","581/2303/7133/4851/7421/2296/7132"
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86,"tags=54%, list=19%, signal=44%","5045/64127/2268/11315/940/695/10769/171389/3055/6850/
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ignal=26%","57214/22856/54480/11285/4669/9394/1910/337876/5159/2132/113189/5155/1116/2
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gnal=41%","164045/23353/10734/388649/192670/56776/80010/1060/27030/9134/256006/10592/
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%, signal=29%","7128/9973/215/84883/2308/10333/80131/54929/847/5478/2395/9181/10105/928
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6%, signal=26%","57214/22856/54480/11285/4669/9394/1910/337876/5159/2132/113189/5155/21
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%, list=17%, signal=29%","4054/56940/2263/4015/3987/4088/8425/200734/3725/27122/7157/90/1
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%","164045/56916/80010/7756/324/4926/8452/129563/7175/8697/84861/29945/7156/64682/5575
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=53%","7099/6608/1755/114548/10333/3929/64581/5795/7097/64127/912/10392/56253/7096/21
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, list=22%, signal=49%","4714/4708/4707/4709/51079/4697/4729/4696/4717/55967/4711/4702/47
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44%, list=12%, signal=39%","115908/7477/3570/338557/3611/4921/1050/650/654/10979/3727/338
8,3068,"tags=35%, list=17%, signal=29%","4054/56940/2263/4015/3987/4088/8425/200734/3725/2
,4133,"tags=49%, list=23%, signal=38%","3082/7010/4915/10456/2065/847/2149/2688/2268/940/4
=31%","5972/3158/7475/64220/55366/6608/5455/153572/1282/4854/7474/4435/2674/51301/107
3%","8510/8751/140766/3688/5045/9508/64066/4319/5184/2191/4314/1520/4327/1513/1514/56
2/7248/91746/57187/5310/64328/7514/9147/23049/55051/23039/9877/2932/6310/9984/51496/5
0.00013581463553961 5,3935,"tags=56%, list=22%, signal=44%","4714/4708/4707/4709/84883/110
gs=34%, list=17%, signal=29%","83483/83643/2950/3987/9447/9825/7157/2621/10673/1984/970/68
%, list=15%, signal=42%","3725/2621/7472/5159/2335/4609/5155/4282/4921/56034/80310/5371/48
t=30%, signal=37%","7072/84530/23543/10521/91746/55225/58517/8621/6421/6431/135295/2302
2688/4054/2263/81792/4015/10859/23213/22856/7157/5915/4208/6137/3207/5777/249/10019/2
0.000145526704729187,1305,"tags=69%, list=7%, signal=64%","3134/3135/6892/563/3077/6890/567
,"tags=57%, list=22%, signal=45%","4714/4708/4707/4709/4697/4729/11315/4696/4717/4711/4706
930,"tags=49%, list=16%, signal=41%","9973/51060/64359/9997/10437/2923/84203/5230/10130/9
3%, signal=31%","5592/928/947/4088/58529/10019/2191/5054/5155/90102/7103/135228/240/703
%","50804/27327/54464/9652/79882/26058/54542/192670/22849/23049/23369/57472/149041/79
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list=31%, signal=31%","152485/196528/1106/55814/257218/23126/55832/55729/26054/1060/687
3%","8140/30835/3127/6891/3117/23428/3119/3134/3122/3123/3135/3113/6892/6890/3133/310
192670/23405/192669/167227/27161/1977/26523/57510/6895/1660/1656"
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31%","8658/57531/57542/54542/387921/9666/23321/494470/257218/51366/54778/26263/14904
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ags=40%, list=22%, signal=31%","8809/5336/57126/114548/64581/23586/10459/8772/135250/3000
327,"tags=83%, list=21%, signal=66%","5076/6772/9370/55366/6608/5455/10736/1499/947/6943/6
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%, list=21%, signal=43%","56829/3456/200315/60489/140564/4940/4939/57379/3434/6590/91543
signal=47%","503841/6359/6366/729230/6772/10763/6367/6362/414325/414062/29097/6351/63
10370/6513/5125/5764/285/824/1392/3620/5066/5678/29924/3248/2488/5670/6696/151/100506
,"tags=39%, list=20%, signal=32%","133396/2261/3572/85480/2688/3558/3458/10019/3592/857/35
10578/55223/3346/503841/3347/117159/4353/388325/338322/8915/64170/6283/4615/7099/533
","55183/5926/57673/51742/4204/55870/79813/546/23028/9682/55818/83852/1789/55209/2341
%, signal=41%","93377/11221/4099/4821/128853/4825/3572/5803/9283/7097/84504/1499/6469/2
, signal=39%","9575/26058/1386/57551/7158/988/1112/9984/10116/54465/7919/57646/835/545/
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","85015/23358/114803/25862/23252/84196/161725/23032/84749/9958/9736/57695/57646/5476
=60%, list=26%, signal=45%","8754/5738/85461/92304/824/8536/11096/81501/3688/10411/8038/4
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8%","6133/1981/6228/6193/6152/9349/6231/8891/728689/6144/6134/8664/64506/3921/6206/26
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%, list=18%, signal=63%","5253/51780/23030/23028/9682/23133/80853/55818/221037/23081"
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4665560141735,2849,"tags=39%, list=16%, signal=33%","63976/4092/10252/4015/4088/8425/20073
=29%","3673/29923/81/1536/8614/2308/4880/3552/6722/7291/221074/847/5228/3654/7097/401
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.7382223686682,3933,"tags=49%, list=22%, signal=39%","7099/7128/9466/3929/29126/7291/947/1
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%","2335/3055/6348/2059/57194/5879/1605/55843/79784/388/7940/23129/4478/9368/1436/161
'11315/5105/6720/10631/1373/2621/3207/2354/2353/2230/7049/28960/8644/2629/4609/857/57
6, signal=58%","4283/6374/6372/10563/2921/2920/2919/3576/6376/3627/6373/6387"
%","164045/23353/10734/388649/192670/56776/80010/1060/23304/546/27030/50511/9134/256
5, signal=38%","85015/23358/25862/23252/84196/161725/23032/84749/9958/9736/57695/57646/
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%, list=18%, signal=49%","7481/7483/1499/4054/81792/9241/5915/5744/6662/1513/6591/8200/22
0023905394992097,3333,"tags=45%, list=19%, signal=36%","63976/4092/10252/200734/7157/1617
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7097/120892/2358/3725/3458/8530/6622/6348/1524/3949/6376/3553/3689/1075/199/3460/3684
44%","51411/5880/399/5336/3673/55113/64581/19/84466/100423062/51454/3071/23616/11314/
.8%, signal=26%","5166/7481/120892/4790/8740/150094/5105/6720/10631/360/7157/1647/2621/
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307,"tags=46%, list=24%, signal=35%","124857/8928/5678/54976/3248/2488/255743/58533/12885
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57%, list=25%, signal=42%","64170/51561/8140/4615/4063/64127/3558/51043/5008/3569/7040/10
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74445463,2762,"tags=80%, list=15%, signal=68%","11235/29775/161742/79812/90627/9270/4223/4
5849838,5655,"tags=41%, list=32%, signal=28%","130507/8554/57531/55294/57542/23190/1047/95
4,3879,"tags=38%, list=22%, signal=30%","6894/58508/55251/93587/80204/64324/115294/221078/
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895,2769,"tags=43%, list=15%, signal=37%","9241/90/653/57045/4091/56937/5468/3624/9573/650
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","55023/23332/8658/79598/26013/23126/7756/23122/23383/324/1060/8621/55125/27085/2583
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2%, list=22%, signal=40%","7099/8809/81/3654/7097/1956/23328/6188/64127/8740/3987/10392/4
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22%, signal=48%","6343/64220/10736/8854/6469/2263/6943/6299/5915/2736/3142/2294/3576/10
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gnal=27%","2263/3099/4939/3091/1588/7472/5241/51043/6997/2736/2294/857/374/7477/51176,
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4%, signal=45%","5253/55729/51535/353274/23028/54737/7175/80312/23133/22880/83852/5734
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","5583/2629/4609/374/6376/2670/430/3280/4851/1436/3553/4067/146433/5179/54209/1435/35
st=15%, signal=25%","3071/85477/7456/23616/23075/10109/90952/23500/3055/832/2059/5879/3
9%","55704/79598/153241/2932/84260/10198/6792/57489/55835/9662/3985/22873/2909/20201
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gs=70%, list=28%, signal=51%","54206/199713/80772/54/2864/7128/114548/2950/945/11006/1524
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3%, signal=56%","55848/5054/2023/302/7123/7057/861/1522/6281"
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ignal=37%","54440/3558/604/27242/695/3071/10673/4208/11314/4282/3586/4332/3635/1880/68
al=24%","4092/1827/23493/4729/26508/1499/8854/6469/4607/2263/150094/64208/6943/4015/84
3%","5467/2173/100049587/946/2348/9370/23569/2731/5352/340665/9032/55258/64175/5066/2
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069,3750,"tags=46%, list=21%, signal=37%","84919/51060/120892/11315/9709/7009/4102/598/100
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4%","10260/8925/55704/5900/9649/81846/51735/93627/84033/22999/57584/23108/84812/16348
, list=18%, signal=24%","10260/8925/55704/5900/9649/81846/51735/93627/84033/22999/57584/2
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%, signal=27%","140628/5142/3673/150/2308/6722/3572/6869/7125/6588/2149/6442/4092/5592/4
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5,"tags=38%, list=22%, signal=30%","7415/344/3481/55022/215/2308/6770/8671/7291/3269/44050
5696/590/3673/8614/3552/9365/5292/847/8854/9227/10631/360/2621/1591/4330/249/28960/89
46,"tags=42%, list=20%, signal=34%","2308/100507050/7474/267/7090/55612/9978/10459/7481/66
%","8658/55294/10734/23126/23383/6421/25836/546/10735/23047/9126/10274/23244/23137/11

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37%","9575/1386/80018/7994/1387/23522/79612/6872/2033/9027/10847/9913/340562/9329/233
signal=44%","58508/64324/4297/55870/79813/8085/23512/9757/83852/23067/55209/7799/5449
tags=82%, list=21%, signal=65%","5336/3929/3458/1524/6850/8291/84868/22904/2896/54209/911
5%","2208/933/2204/7450/2205/11027/2206/2213/2207/2217/2214/2212/2209/3958"
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85%, list=19%, signal=69%","5795/3690/5159/5155/56034/80310/3678/5156/4067/5154/3554"
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21%, signal=28%","3673/29923/81/1536/8614/4880/3552/6722/7291/221074/847/5228/3654/7097
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,5602,"tags=49%, list=31%, signal=34%","8658/54464/80351/51750/80169/25913/8550/4216/17050
, signal=28%","391059/221074/261729/2395/91252/169026/64116/56898/9997/3091/6279/7779/3
59%, list=24%, signal=45%","51561/3082/7099/5336/64581/29126/7097/85480/947/3662/64127/54
,"tags=81%, list=28%, signal=58%","6366/916/8754/64805/8631/55612/3071/10563/5777/6850/635
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list=17%, signal=45%","2113/6720/3091/4088/3725/7157/2353/7490/4609/5155/4091/1958/3586/5
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47%, list=15%, signal=40%","11235/29775/161742/10769/6997/3162/79812/161198/90627/3164/9
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st=39%, signal=46%","58508/64324/4297/55870/79813/8085/9757/79091/83852/23067/55209/986
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l=32%","493829/8928/2115/57158/688/51804/11023/6899/7480/5307/60529/4209/2065/3481/64
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.1%","388325/201633/11213/4192/3620/54/51561/6504/7099/5336/3603/64581/7097/4790/3718/
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","29066/192670/23369/149041/23405/4204/9698/9782/192669/23567/6659/2332/23264/27161/
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=30%","6342/6696/336/5972/5580/344/3552/51499/56729/51024/5045/4790/341/5025/9227/158
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:=20%, signal=29%","391059/221074/261729/2395/91252/169026/64116/9997/3091/6279/7779/34
99/5580/3578/933/3456/1493/4064/54440/3558/604/27242/695/3071/10673/4208/202309/970/1
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%","55183/196528/57634/56776/51366/23126/54799/10902/26122/80314/8295/51750/7158/2591
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7%, list=15%, signal=23%","3071/85477/4281/22899/23616/4070/23075/10109/28984/90952/6622,
:=24%, signal=27%","9582/3373/1806/8372/7498/10855/1117/26232/5580/5142/215/313/4521/20
%, list=17%, signal=28%","6188/64332/56940/7462/5144/29085/100423062/3265/30968/27242/940
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list=16%, signal=46%","1588/1652/4282/1843/27202/11240/6347/79148/7130/79890/4681"
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l=63%","23332/153241/1739/4926/55835/3985/11076"
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ıal=31%","152485/55814/257218/23126/55832/55729/26054/1060/6873/7994/23522/5893/546/30
16/11213/29851/2302/3620/5678/3559/7128/55113/29126/5133/11006/84868/10288/7048/4067/
gnal=61%","11314/5724/6850/5320/3689/2213/3684/2896/6688"
","22909/375748/545/9937/2072/254394/64789/57697/64710/7507/84464/353497/5892/64421/5
=37%","552/3248/525/1109/2938/22949/2950/29785/8644/4282/6916/27306/5730/9536/3553/574
ıal=37%","552/3248/525/1109/2938/22949/2950/29785/8644/4282/6916/27306/5730/9536/3553/
47%","5253/51780/10765/23030/23028/9682/23133/80853/55818/7403/221037/23081/84678/798
/1311/3481/6608/57493/2261/4880/2121/5292/2395/23493/85301/6469/2263/54440/6910/1588/
27%","3638/3069/51744/4779/2185/9784/6822/54884/8871/57665/158219/336/3158/7108/2584/
list=18%, signal=34%","1956/8698/3265/3357/5159/5724/5031/942/115727/2260/5156/6401/3356
al=35%","9365/7291/2824/4054/3091/4088/90/4208/1230/6348/4958/1901/4921/130497/650/666
%","50804/27327/79882/26058/54542/22849/23369/57472/149041/79675/255967/23112/9698/19
s=44%, list=23%, signal=34%","10142/23332/157922/79598/5310/636/4133/23122/5048/57551/260
80351/51750/80169/25913/8550/4216/10111/9937/23293/2072/472/7874/64421/5609/5594/6505
32%","6342/5091/83758/116362/1109/2938/5375/339761/341/2167/2950/9227/6809/6279/174/4
1%, signal=72%","1282/1291/5159/5155/1281/1277/1289/5156/1278/5154"
"152485/8658/54464/55183/23049/80351/51750/80169/25913/546/8550/4216/170506/9134/748

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8,"tags=50%, list=21%, signal=39%","84166/7474/81030/8772/85480/3091/2621/3661/9641/7852/8
","2649/6720/4306/5241/5915/7025/6258/7026/5468/4929/3164/6256/7068/10062/367/196/801
st=18%, signal=36%","2649/6720/4306/5241/5915/7025/6258/7026/5468/4929/3164/6256/7068/1
signal=37%","5915/4208/3207/249/2132/1281/2131/1277/6662/654/2690/338773/6781/7048/259
l=44%","3158/55022/4023/1109/5166/1374/6720/1373/8644/5724/2867/5165/3949/9076/3280/80
","1845/923/388325/916/3932/8915/10451/259307/11151/399/8631/84766/5795/3001/30968/940
9859027454,2583,"tags=59%, list=14%, signal=51%","5592/4208/3162/3586/5468/9294/6648/1264/
, list=20%, signal=65%","7113/920/10475/5034/3123/972/3965/6737/3956"
32%, list=20%, signal=65%","7113/920/10475/5034/3123/972/3965/6737/3956"
ignal=25%","6351/84766/342667/6588/57628/2149/4283/51393/920/1499/3718/3270/5025/1500
, list=33%, signal=35%","27327/26058/54542/22849/57472/149041/255967/23112/9698/9924/2467
6","5336/5142/7128/3552/64581/30009/920/947/3662/6188/64127/54440/5144/30968/940/11006
%, signal=38%","5336/5142/7128/3552/64581/30009/920/947/3662/6188/64127/54440/5144/3096
=45%","72/55273/140628/7474/7291/23493/7481/26508/4088/9241/90/653/4609/2294/51176/13
=33%","1956/6469/2263/57045/1605/6662/23129/1896/10512/6591/2296/59277/7052/5154/7043
al=31%","2938/11315/2950/79094/1193/2948/2937/1937/6648/27306/4258/2539/2949/26873/902
5, signal=49%","7099/51704/5336/7474/23586/10859/604/3162/8482/4282/8013/3135/972/7043/7
%, list=26%, signal=37%","339221/824/5447/3358/552/2488/5580/344/215/3552/6770/440503/836
9/6885/5602/5600/51701/5594/6300/1432/5601/5598/5596/5603/5597"
40%","2192/26577/4118/10392/5721/2335/857/834/91662/1512/5118/51065/6423/1075/572/482
%","2353/10766/11006/1230/6348/11025/126014/2200/3635/135228/56834/1880/302/7030/4853
31%","11052/7248/91746/57187/5310/1386/64328/7514/9147/51366/23049/26263/3841/55051/53
2/7248/91746/57187/5310/1386/64328/7514/9147/51366/23049/26263/3841/55051/53371/23039
4691,"tags=70%, list=26%, signal=52%","51177/8754/92304/824/8536/81501/10411/4283/8740/10
3269/6351/11314/6348/6352/6376/5734/6355/6357/6347/10344/6354/6356/3958"
ignal=37%","5253/55729/51535/353274/23028/54737/7175/80312/23133/22880/83852/55209/57
gs=55%, list=30%, signal=38%","7072/84530/23543/10521/91746/55225/58517/6431/135295/4858
","9575/1386/80018/7994/253782/1387/23522/79612/6872/2033/9027/10847/9913/340562/2199
50839/54429/259295/50832/50840/50836/259296/50835/50831/259290/50837/83756/259289/25
%, signal=46%","166012/64132/55790/29940/7358/22856/54480/337876/9469/50515/56548/7958
'tags=31%, list=15%, signal=26%","3725/6372/5978/2597/6338/171389/2335/6348/1524/6352/858/
=18%, signal=45%","90865/120892/8530/4314/6348/3949/6376/7133/3553/1075/5743/9572/2896/
ist=26%, signal=59%","2627/5678/10159/8710/5045/1281/6376/375387/25987/7057/7305/4060"
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0%, signal=32%","9435/7358/3036/4790/57214/22856/54480/11285/9394/337876/5159/2132/1131
st=25%, signal=49%","6647/54/4780/5580/57126/5446/64581/2950/2358/26574/6850/683/3689/1
34%","50804/27327/79882/26058/54542/22849/23369/57472/149041/79675/255967/23112/9698
gs=39%, list=21%, signal=31%","85409/55022/3688/9482/131578/342667/57628/1956/1173/6809/
","10803/1235/2826/3579/1232/1233/3577/643/51554/729230/10663/2833/2532/1238/1234/123
ags=38%, list=18%, signal=31%","8772/135250/912/56253/3594/3592/7409/3134/3122/3140/3123/
471,"tags=52%, list=19%, signal=42%","10736/8826/1499/947/6299/2668/4208/1910/28999/7490/
=22%, signal=33%","4615/7099/5336/23586/3654/7097/140885/4940/4939/3394/10859/3661/102
33%","4615/7099/5336/23586/3654/7097/140885/4940/4939/3394/10859/3661/10211/54941/259
5, signal=40%","7804/65981/23098/816/5048/5063/2932/10507/26039/23072/9693/56965/5789/80
%","55218/51750/546/9984/54465/7486/154288/545/253714/55345/197342/259282/1763/57697/
st=23%, signal=43%","51804/6899/25902/7291/10736/6913/2263/29985/4088/7484/1746/6495/23
'83758/6696/336/5972/28965/5580/5305/344/64220/116362/55911/55113/7357/215/10350/9600
0%","158219/29923/4023/440503/19/1374/4790/6720/3690/9641/123/51099/5468/4792/10062/84
=9%, signal=51%","735/1378/4153/1191/729/720/100423062/730/721/717/714/713/54209/712/51

=28%, signal=39%","93649/476/1907/60675/255743/151/3673/6722/6869/2149/2017/3784/5724/2
593/114908/427/192111/839/330/3705/81030/9181/8772/10105/11035/9825/7157/3661/171389/
5467/10370/5764/6696/4693/8614/2057/51673/3976/6781/5743/7421/682/1508/3726/2706"
, signal=34%","217/339761/8854/11315/25953/27122/8574/223/5978/1910/653/249/6338/220/716
4%","55904/5926/8473/57673/54790/4297/200424/23168/8085/23067/4801/4802/80349/63925"
=61%, list=13%, signal=53%","6338/306/5724/6850/11027/3689/6813/3684/2207/6688/7305"
list=23%, signal=37%","51804/3082/55366/6608/7474/10736/81029/3687/1499/6469/81792/23213
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gnal=58%","2255/51804/7474/10252/6469/2263/2246/374/10253/6495/6662/10413/652/157506"
nal=25%","336/5972/3158/590/1812/1393/5142/3673/5446/1536/4023/4760/4880/388552/80777/
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7,3487,"tags=73%, list=19%, signal=59%","10875/64127/10392/968/6556/2213/972/7057"
list=24%, signal=62%","51304/7078/8772/8794/11315/8795/8797/467/6688"
13,"tags=33%, list=17%, signal=27%","831/8740/27074/11315/6195/5272/2621/4102/8530/6622/25
51,4636,"tags=79%, list=26%, signal=59%","5345/56670/185/183/2150/81285/5125/2028/10159/597
list=20%, signal=37%","8525/5795/6188/56940/29085/1997/5777/11006/11314/10385/100/7430/2
al=28%","10252/7481/1499/8854/3169/6469/4054/2263/6943/4015/6720/6910/2719/9241/2246/5
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, list=25%, signal=39%","54/2185/1191/7099/10333/64581/947/140885/5025/23564/4088/3458/85
784/2621/1910/8644/6446/9368/8692/3037/2934"
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%","7072/26058/54542/7073/23369/149041/9698/5563/23215/23367/55132/170506/6311/203228
18%, signal=43%","23493/4054/3091/2621/1230/6348/6662/4851/1893/23462/54795/4846/5552/7
=46%","23126/26054/1060/3070/401541/2491/23421/80152/201161/4678/79003/1062/9735/5535
83311866834379,3645,"tags=43%, list=20%, signal=34%","51060/138065/120892/11315/10961/790
, signal=27%","6351/84766/342667/6588/2149/4283/51393/920/1499/3718/3270/5025/5144/1085
0,"tags=61%, list=16%, signal=51%","1378/3955/2185/5336/3394/3558/3586/1880/100/4853/9452/
205/23353/8658/10927/55183/10390/26057/23001/3631/23108/7514/23369/5048/53371/55627/
al=22%","7852/6280/857/8560/57194/7075/5339/81671/858/284612/57716/8291/26509/339168/3
%, signal=26%","3578/133396/2261/4760/3456/3572/1439/2149/85480/3718/2688/3587/3558/164
37%","51804/255743/5972/7475/55366/6608/4435/10736/847/4092/10252/7481/2297/1499/6469
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052,"tags=47%, list=17%, signal=39%","5025/2113/3091/10769/7424/3162/5155/2303/2260/5606/6
ist=8%, signal=39%","8372/57829/2516/4880/3552/7474/23213/7490/5047/1843/100/10549/27306
list=38%, signal=36%","8658/54464/7644/55183/51366/80351/4297/51750/7158/80169/25913/233
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, list=16%, signal=46%","23213/7490/2131/4811/4643/3913"
gnal=35%","152485/8658/23383/80351/51535/27085/25836/25913/546/545/254394/4436/2146/54
signal=24%","3071/85477/23616/23075/10109/90952/23500/3055/832/2059/11034/51474/256949/
ags=36%, list=19%, signal=29%","10459/8772/135250/30009/64127/912/54440/3558/940/695/5625
signal=49%","8925/79809/23287/91137/8861/6095/538"
al=25%","3071/85477/10109/90952/23500/3055/832/2059/5879/375307/256949/9168/10094/258
)0308062860204319,0.00200338270950308,3487,"tags=90%, list=19%, signal=73%","10875/10859/5

=28%, signal=38%","93649/56923/1907/6647/477/60675/255743/51196/151/3673/150/6722/6869/
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t=27%, signal=54%","6647/54/5580/57126/5446/64581/2950/2358/26574/6850/3689/3684/7040/7
3%, list=17%, signal=49%","27327/22849/57472/255967/23112/9924/4848/56478/57690/4849/2461
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6","53371/23165/7175/55746/9972/57122/124491/55706/25909/129401"
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344/55911/4023/341/51599/335/348"
9%","10383/3306/10471/10726/5204/3303/3309/3338/3304/1410/6892/9049/7265/3337/5202/12
0%","5228/2356/1374/6209/2621/7049/306/133/4609/2735/3162/3586/9076/4851/7048/8013/63
","7474/7481/1942/9241/2735/9573/6662/10413/1969/8463/3399"
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=39%","1956/6469/2263/57045/1605/23129/1896/10512/6591/59277/7052/5154/7043/4824/7040/
185/84959/2488/6696/81501/7128/79705/5166/1499/4054/3690/53832/6850/1901/2131/3635/56
ignal=31%","9435/7358/3036/4790/57214/22856/54480/11285/9394/337876/5159/2132/113189/5
list=14%, signal=52%","22999/9699/8541/27445/23025/9783/8927/1488/23085"
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380181,4691,"tags=77%, list=26%, signal=57%","8754/92304/824/8536/81501/10411/4283/8740/10
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'tags=62%, list=17%, signal=51%","2263/10959/6692/133/6768/3586/9021/84870"
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","359/6647/15/351/4780/5066/3552/4017/11315/3931/6622/1543/4495/358/4504/4494/4489/66
56%, list=28%, signal=40%","60481/5467/9370/552/344/215/7291/440503/1374/51085/5468/335/1
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%, list=18%, signal=33%","8772/30009/912/54440/3594/3592/91543/3553/3134/3122/3140/3123/3
signal=25%","7481/6913/1499/5456/1942/6469/3205/2263/10959/8092/6943/3091/55584/29985/4
0%, signal=24%","4825/56729/6869/2695/5478/169026/286676/5868/116/7097/2268/5025/3091/74
=32%","9532/120892/831/79094/29934/4102/8530/55848/2619/5054/7850/10418/2023/302/7123/
52/3061/5746/476/4883/4161/4159/477/552/1393/4881/2984/3062/1956/10148/1240/887/2696/9
, list=26%, signal=45%","4192/10164/6402/3695/2526/3688/9435/3654/1991/64116/2113/56477/6
signal=33%","79834/7414/5795/10420/2824/56940/2017/9647/3987/4088/2042/84962/2335/5879
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9%, signal=36%","3283/3284/2938/1632/81567/1891/3690/2923/29785/7167/1652/4282/10130/69
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%, list=22%, signal=45%","336/344/4023/3931/3990/335/348"
8%, list=22%, signal=45%","336/344/4023/3931/3990/335/348"

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1524/6376/382/6591/714/3684/713/54209/7043/712/718"
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gs=42%, list=9%, signal=38%","9108/3631/200576/8867/8776/27124/8897/9110/4952/56623"
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gnal=43%","83478/2316/11235/84962/90102/6239/3678/94/1839/1289/10979/977/4488/387/1063
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signal=23%","2316/3784/23630/3458/6786/5028/2668/799/440699/30845/468/10063/5649/6622/
al=36%","23493/2263/10959/7472/9394/653/6692/133/6768/7477/3586/51176/50814/3280/23462
980716,4588,"tags=38%, list=26%, signal=29%","23040/57209/84524/7556/7728/7539/57473/80110
gs=87%, list=38%, signal=54%","27085/54908/283489/23137/7272/10664/79003/55920/9735/983/5
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4%, list=22%, signal=27%","7072/27327/54464/7248/26058/54542/192670/22849/65981/57472/16
gnal=38%","23252/161725/23032/9958/9736/57695/4287/54726/8975/389856/10868/9101/7874/8
48/10521/83479/170506/7919/54505/9879/11218/9716/90957/11056/1655/79665/29118/60625/5
'64828,3602,"tags=60%, list=20%, signal=48%","7474/23493/7481/26508/1499/9241/90/650/4853/4
23269/4297/81887/6872/6874/284058/9757/57680/54881/84148/11091/27043/6045/51230/9070
368,5006,"tags=77%, list=28%, signal=56%","729230/4192/10164/2526/9435/3654/1991/2113/5724
%, list=26%, signal=37%","4192/3620/51561/7099/5336/3603/64581/7097/64127/3394/3458/3663/6
signal=35%","26058/1386/7756/57551/324/1112/7175/84861/835/9656/5514/84446/8883/55755/
53%, list=22%, signal=50%","5580/57126/64581/2950/2358/6850/3689/3684/7040/7305/1535/2771
nal=45%","57187/9877/55746/160419/55998/55795/8888/29118/2733/8106/728343/84271/11269
signal=24%","10859/5272/56253/5777/3592/127544/6318/10383/3002/7409/84868/5052/3134/3
, list=20%, signal=24%","2646/215/2308/6770/60343/8671/7291/3269/440503/2695/339123/5341/

3%","23493/7481/26508/1499/2263/3091/9241/3725/4208/7049/54345/4091/3611/6495/2303/23
","3988/340665/3422/427/351/5447/1392/7363/3638/3069/4779/9784/6822/3294/2488/6342/158
%","255743/51196/151/3352/1311/1812/3673/323/150/6525/6722/6869/4629/2149/5592/2017/23
9026/5025/6279/1373/7779/7412/6648/4495/4504/7780/4494/4489/23498/57817/4499/4501/445
3/4920/147495/11211/115908/388630/164284/4919/6423/8326/8321/79971/6424/2535/8324"
7%","79168/10990/10859/11024/11025/353514/1512/11027/10288/3140"
/7535/6794/84433/6693/5788/114836/916/6774/51561/915/6722/4063/1794/30009/920/3662/64
/119/2035/286/23271/57731/2784/287/11127/57662/288/375611"
42%","64220/140628/7291/23493/26508/1942/7075/4091/4772/650/6662/4853/7133/4851/23462
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","3456/114548/23586/6397/4790/4940/3091/4088/3661/55601/9641/54941/1984/3592/6352/21
list=18%, signal=36%","4092/375567/9241/1745/51232/10140/57045/4091/2200/8646/5468/9573/
31%, list=16%, signal=26%","1173/6809/3265/2042/3458/25921/5583/23096/5525/116372/1605/20
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395/6996/254394/2956/4436/29072/6117/3978/10714/4595/4292/25/4437/83933/7508/3146"
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=39%, signal=38%","7756/324/8452/7175/8697/84861/29945/64682/55755/472/51433/996/54908/
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signal=46%","60529/7291/1499/8854/6469/6910/140467/3207/340419/130497/1382/4487/2019/8
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53/51780/10765/23030/23028/9682/23133/80853/55818/79068/7403/221037/23081/84678/7983
56%, list=16%, signal=47%","4088/28984/90102/1605/4921/650/6662/7148/11117/3569/861/7040/
3,"tags=41%, list=16%, signal=35%","23213/3091/3690/7424/3087/79652/79812/161198/3678/230
t=26%, signal=43%","4192/5764/93377/11221/4821/128853/5803/7097/1499/6469/27242/1745/23
319/89884/4204/200424/253461/80312/26097/10009/4152"
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signal=59%","7128/10333/3654/7097/64127/7096/118788/8767/4067/54209/1535/79155"
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, list=15%, signal=67%","27342/729230/8832/3071/11314/2294/3162/3134/2213/3965/6688"
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129450/93587/221078/55644/54802/54482/56986/64172/57505/63899/131965/11062/158234/178
=77%, list=26%, signal=57%","339221/824/3358/5580/344/30968/3357/11261/3356/23682"
6","11315/7779/4495/3309/4504/4494/4489/4499/4501/4502/4493"
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57673/55729/4297/4204/200424/79813/546/54737/3070/57683/4552/1789/11176/64863/54496/2
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37%","5292/63976/64641/2167/51043/9580/338557/6517/6239/10124/6495/1050/7030/153/5743
signal=58%","729230/4192/7099/3552/2149/3091/3162/5468/240/2896/7040/7076"
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ıl=30%","9532/120892/831/79094/29934/4102/8530/55848/2619/5054/7850/10418/2023/302/712
347/9377/4697/1537/1350/7384/1337/1345/388753/1349/84419/1340/1346/29796/27089/1329/1
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ignal=46%","8925/79809/23287/91137/8861/6095/538"
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signal=65%","11052/55051/7175/9972/29072/26993/10657/1660/6830/54888/55677"
7%","9892/23001/9765/2035/9372/8411"
gs=63%, list=39%, signal=38%","7756/324/8452/7175/8697/84861/29945/55755/472/51433/996/54
, list=24%, signal=49%","5678/10859/945/11006/10288/4067/3135"
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35%","2891/10142/107/112476/22866/26045/1739/3756/2890/10369/2901/53616/491/729956/94
91/4099/4915/4821/7099/1812/6608/10319/7097/84504/6469/4118/26227/6279/2358/163175/49
1%, signal=25%","3578/133396/2261/4760/3456/3572/1439/2149/85480/3718/2688/3587/3558/16
ıal=58%","1401/5467/3685/158219/19/3690/51099/5468/4792/10062/57104/1066/54209/7376/35
7%, signal=35%","3767/6531/6772/9370/5294/6382/6647/2627/7222/15/351/5908/64805/6261/21
3608,4863,"tags=58%, list=27%, signal=42%","23332/157922/4133/23122/57551/324/146057/27124
0%, signal=41%","3456/2064/10875/1493/4092/30009/3718/6469/3558/604/51043/11006/3142/86
%","2167/6809/6279/6280/165140/5468/241"
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2,4805,"tags=92%, list=27%, signal=68%","255231/9370/8832/64581/7291/64127/4940/6850/3553/
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35%","10734/27030/192669/50511/7273/10735/10111/9126/10388/6002/4438/144715/221711/58
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%, list=20%, signal=31%","115362/7099/5336/84166/3456/7474/3929/64581/81030/29126/8772/13
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list=21%, signal=30%","85409/55022/3688/9482/2064/2262/51024/131578/342667/57628/1956/12
334466623573,2867,"tags=34%, list=16%, signal=29%","10392/4088/6279/6582/3336/5366/6622/84
'tags=45%, list=23%, signal=35%","10142/23332/157922/4133/23122/57551/324/4204/146057/885
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3524,"tags=31%, list=20%, signal=25%","7291/5292/847/3654/10459/4092/26508/10221/170622/64
signal=43%","1240/1588/719/1652/4282/6352/1436/146433/7057/79148/59341/1435/728/5919"
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7%, signal=29%","23040/57209/84524/7556/7728/7539/57473/80110/169270/84924/7181/65243/
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7531/23312/51735/22999/636/164/10152/163486/7514/26130/51479/9732/9699/85369/89781/23
list=14%, signal=53%","55729/51535/54737/7175/22880/83852/57343/9869"
2%, list=14%, signal=53%","55729/51535/54737/7175/22880/83852/57343/9869"
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2/26013/8028/57459/3150/8289/6601/10038/50809/5928/8467/79685/6605/6594/3066/84656/43
16/3932/1794/3122/3140/3123/3133/3105"
60%","4153/2219/8547/5328/7056/2152/3075/5329"
list=16%, signal=40%","2662/4435/7291/4088/9241/51232/10140/57045/7424/374/4091/8646/546
al=26%","215/84883/1109/6770/7291/440503/2695/5166/1374/341/11315/6720/1588/25953/271
3%, list=12%, signal=33%","9108/3631/200576/8867/8776/27124/8897/9110/66036/4952/56623/22
5%","27327/29066/7073/192670/23369/57472/23405/9611/23112/29102/9698/192669/54487/576
","7097/140885/4940/4939/10859/3661/10211/3663/79132/51284/64135/10475/8767/81844/842
6, signal=37%","7097/140885/4940/4939/10859/3661/10211/3663/79132/51284/64135/10475/876
23126/26054/1060/10592/80152/10051/79003/1062/9735/83540/1063/51112/64105/9787/10403
6","8658/80351/51750/8550/4216/10111/23293/2072/472/7874/5609/5594"
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6, list=20%, signal=41%","23586/7097/4940/4939/3661/10211/3663/79132/51284/64135/8767/818
%, signal=24%","59344/2938/9444/9415/1374/2950/2948/51703/66002/29785/8644/5354/57406/1
, list=40%, signal=42%","7756/324/1060/10615/283489/1894/79003/1062/3192/27436/55920/8354
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.7%","3294/2488/6342/3158/51144/3972/2516/7108/3552/1109/6770/3283/7923/3284/4790/6720
3%","7804/10152/158866/65981/816/5048/5063/7337/8851/80823/50944/23181/170506/10013/8
395/9051/10211/6404/3384/683/4478/7430/4627"
88325/8395/9051/10211/6404/3384/683/4478/7430/4627"
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gnal=29%","9973/3552/4697/2395/267012/1956/120892/4790/64127/11315/3001/3091/10392/110
L9%, signal=34%","55612/5795/54453/27185/9647/3987/4088/59339/56477/5879/1605/6376/9270
4%, list=30%, signal=45%","182/4318/5068/130120/8626/6772/7498/6608/3552/10252/1499/20073
signal=36%","7474/6722/55612/83478/2316/11235/84962/653/90102/1605/6239/3678/94/1839/32
, list=20%, signal=47%","259307/6504/3456/4092/30009/64127/56940/10859/3071/11006/339390/
%, list=35%, signal=53%","58508/4297/55870/8085/9757/23067/11091/54093/9070/11105/6419/97
6, list=31%, signal=31%","8658/54464/80351/80169/25913/8550/4216/545/23293/472/167227/539
.36297923277,4873,"tags=51%, list=27%, signal=38%","196528/57634/23126/54799/10902/26122/8
al=39%","29923/4023/440503/4790/9641/123/80149/4481/7376/10938/718/10226"
nal=28%","5879/5339/2037/6242/29109/388/382/7430/27289/7094/59341/30846/29984/387/811/
"3373/8372/57214/4669/4668/51172/2760/8692/3074"
15%, signal=51%","2488/3972/27122/5978/653/133/1958/650/1601/654/1583/706"
57126/306/5724/6850/3689/6813/3684/6688"
al=38%","7295/9973/51060/64359/9997/2923/84203/5230/10130/9601/25828/5034/84817/23166/
st=28%, signal=39%","79671/11213/2302/8832/55024/6504/3082/7099/7128/9466/140885/2621/3
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3303/3309/3304/3316/2280/567/3310/3315"
4198,"tags=67%, list=23%, signal=51%","3975/5076/51804/55366/6608/10736/9241/2668/4070/649

,"tags=45%, list=6%, signal=43%","9108/8867/8776/8897/9110"
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54884/57665/51635/6121/339761/125/8854/145226/9227/5950/50700/220/8644/5406/57016/126
132/80184/57670/56121/22941/56123/285331/84140/3617/261734/11190/23322/6011/23035/49
nal=35%","858/2040/1436/5806/80149/348/6355/5702/3429/5479/1072"
38%, list=5%, signal=36%","3135/641700/6347/7057/572/958/3569/57124/2852/6424/2934"
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37%","7475/55366/6608/5455/153572/4435/10736/7481/2297/26508/1499/6469/84445/6943/629
6","100506013/3673/3688/7474/6722/10736/7481/2263/4088/9241/90/3690/3207/57045/2132/22
%, list=20%, signal=37%","9466/3456/4092/30009/3718/64127/56940/10859/3558/604/3071/6409
, list=28%, signal=41%","93649/1907/60675/255743/151/3673/6722/6869/2149/2017/5724/100/57
14%, signal=37%","22915/84959/5580/3572/5592/928/10019/6850/6352/4067/1511/3569/84034/1
al=29%","3552/847/5228/7039/80834/6469/2263/2250/685/2246/8555/3357/7424/5155/56034/80
5%, list=16%, signal=30%","22856/54480/337876/54360/2131/9469/633/50515/26229/56548/1634
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.608/85004/79785/5868/5878/3265/5879/53916/7879/387496/51285/5912/5906/387/5899/81876
signal=34%","11314/2294/5724/3162/6850/3134/3689/6813/3566/4067/2213/2242/3684/3965/86
9572496649,5054,"tags=83%, list=28%, signal=60%","5076/6772/6608/10736/1499/6299/2668/7484
431/1996/55285/2033/10594/56853/11189/1655/10658/3181/60680/3192/6427/6895/11338/2343
3097/9774/9282/892/23389/9969/9862/5469/1021/80306/9968/55090/9412/9440/9967/9443/1024
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%, list=33%, signal=58%","164045/80010/2072/197342/7155/57697/84464/7153/254528/1325/4292
list=31%, signal=31%","8658/54464/80351/51750/80169/25913/8550/4216/170506/10111/545/232
36%, list=18%, signal=29%","135250/10859/5272/56253/3592/6318/7409/84868/3134/3135/3965/3
l=41%","11221/1030/4825/9283/84504/1499/9241/1745/23500/5309/3949/1746/3400/430/3280/4
3%, list=24%, signal=36%","2185/1191/7099/10333/64581/5025/113277/23564/4088/3458/6648/35
9860/7248/4133/58155/140767/5048/26053/22941/1996/3800/116983/8851/118813/4649/7786/2
40%","5713/5705/5710/5719/5721/5704/5715/5702/5714/5720/11047"
6","1392/8322/5972/56729/3784/3624/1601/5443/654/4824/114897"
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gnal=32%","1956/8698/3265/3357/5159/5724/5031/942/115727/2260/5156/6401/3356/2769/728/
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7099/1812/6608/10319/6279/2358/4920/3458/5354/6280/3949/2670/4919/3553/4504/9572/2896
, signal=29%","2353/10766/11006/1230/6348/11025/2200/3635/56834/7030/4853/4286/2101/710
36%","84959/2488/6696/81501/7128/5166/4054/3690/53832/6850/1901/3635/56834/1436/33877
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al=36%","2071/2957/2972/6908"
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%","9466/83692/7474/8772/8740/11035/10563/6352/8764/6364/3627/1893/199/6387/347/387/28
ist=26%, signal=59%","350/344/338328/51099/5406/335/10062/7376"

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6%","55758/23543/286205/8554/9139/10915/55749/84458/9994/23613/64324/55729/9611/4204/
, signal=69%","2672/51293/7124/171425/4790/3458/8644/6591/6615/157506"
9/7275/150082/5108/11020/167691/9742/26160/57728/28981/117178/57539/90410/150737/4117
73/55683/84289/284058/79960/54934/84148/11091/9767/51147/51230"
73/55683/84289/284058/79960/54934/84148/11091/9767/51147/51230"
45%","4986/185/183/2150/51083/81285/1392/5972/1393/56729/2149/668/3624/1601/5443/654/
gnal=55%","3227/3373/7483/1499/9241/3207/81031/2131/130497/652/116039"
%","1347/9377/4697/1350/1337/1345/388753/1349/84419/1340/1346/1329/1351/1327"
al=36%","7756/324/4926/8452/7175/8697/84861/29945/64682/55755/472/51433/996/54908/5579
"22999/107/2914/9699/8541/27445/8867/112476/6812/9498/2932/134957/23025/8447/8224/476
,"22999/107/2914/9699/8541/27445/8867/112476/6812/9498/2932/134957/23025/8447/8224/47(
!34347397,4636,"tags=81%, list=26%, signal=60%","56670/2150/81285/5125/2028/10159/5972/214
nal=65%","64328/7514/23039/64901/56478/8021/57510/1434/23214"
3153,"tags=29%, list=18%, signal=24%","7072/27327/54464/7248/26058/54542/192670/22849/659
signal=41%","857/5468/335/6256/4792/10062/10351/348/1066/54209/7376/5360"
0201/3099/2539/6515/5836"
/3980/7486/10038/2074/6996/1763/6117/7507/3978/23201/55031/5426/55247/8930/4968/10721
list=24%, signal=25%","9139/55704/9863/54874/7804/10152/158866/65981/153241/57498/23373
).0162175502231078,0.0105465357576448,567,"tags=29%, list=3%, signal=28%","6036/6038/6035/1
l=46%","5478/10211/857/335/3576/4851/3553/81035"
59/4297/81887/6872/6874/284058/57680/54881/84148/11091/27043/6045/51230/9070"
gnal=40%","51804/255743/7475/55366/6608/4435/10736/7481/2297/1499/6469/84445/6943/6299
18/5105/2669/3265/22800/388/7879/382/2633/51285/5912/5906/8934/121268/11031/9367/387/
75/8658/4750/80351/55125/84376/5108/64793/55755/387119"
=39%","11146/57643/23588/10116/79699/10513/23008/23053/8453/57688"
t=28%, signal=59%","729230/10164/2526/9435/1991/5724/6484/6401/6403"
l=58%","26009/5563/55689/2033/11076/4137/51562/5562/6871/11091/10129/2339/4752"
gnal=48%","1378/2302/55024/23495/7128/1493/604/27242/695/64092/11314/3586/4332/3635/3(
gs=62%, list=30%, signal=43%","54464/57472/255967/55218/90806/9924/4848/129563/246175/11
gnal=30%","7291/10736/6913/1499/2263/29985/4088/7484/1746/2131/6495/2303/3199/7048/515
9%","6647/114876/3422/351/5447/3638/3069/4779/9784/6822/158219/336/3158/7108/55911/85
al=44%","284695/23248/23168/22828/8202/55197/57466/27161/26523/55250/58490/56950/5132
gnal=43%","3640/5068/130120/4638/350/4780/10855/150/3688/64581/55612/2149/3265/5054/78
52/66002/29785/6622/2230/1580/5264/9420/1543/27247/6319/6916/83475/5033/240/8974/316/
gnal=43%","3572/9283/9241/27339/3949/3400/650/3976/3280/4851/3398/23529/9572/54209/356
4%, list=19%, signal=36%","6869/5341/7481/9647/4088/22899/23075/28984/5829/5879/8477/1017
gnal=54%","6366/6504/2621/3592/3965/6688/811"
311/4738/9636/59286"
32/80184/57670/56121/22941/56123/57560/285331/84140/3617/5314/261734/11190/23322/6011
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","5189/774/153241/8867/132320/22941/8844/25836/2035/6310/1739/23215/1112/4926/8777/5(
1464/3690/2191/3737/23129/84168/10979/9780/26499/1969/7408/10630/1072"
%","6622/3920/2670/10273/5476/1263/9531"
gnal=39%","350/336/344/55911/4023/341/51599/335/348/8542"
26%, signal=39%","350/336/344/55911/4023/341/51599/335/348/8542"
5","7073/22849/163255/3658/2332/56853/10658/80315/400961/326340/1153"
0%, signal=25%","10260/8925/55704/5900/9649/81846/51735/84033/84812/163486/26130/16051

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33/1499/8854/6469/51222/2263/6910/29985/6299/8323/4154/2719/9241/4920/140467/5915/320
002/2999/6813/1992/5552/811/3916"
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=27%, signal=57%","255231/9370/8832/64581/7291/64127/4940/2950/6850/3553/4938/3965/5934
ags=78%, list=27%, signal=57%","255231/9370/8832/64581/7291/64127/4940/2950/6850/3553/493
al=41%","55273/2065/140628/221662/7291/23493/26508/6910/9241/90/653/2294/650/94/6662/4
","5926/57673/51742/4204/546/9682/23411/57343/10782/23081"
%, list=13%, signal=41%","4303/5159/4609/5155/5031/6352/80310/80005/9510/199/8013/3037/15
3207/5159/2629/4609/857/3162/4091/3206/367/3485/50846/7048/3566/145864/4323/2737/7043
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list=14%, signal=54%","10211/857/335/3576/4851/3553/81035"
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23601/6469/4088/2736/23314/5744/3199/3727/860/4488"
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gnal=24%","11052/91746/55015/51747/23451/6936/58155/6431/10772/11168/23195/135295/916
st=33%, signal=34%","9575/26058/1386/57551/79915/7158/988/1112/546/9984/23028/10116/544
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30%","23332/55904/26058/5310/26057/9113/7756/23122/79027/57551/324/4204/6873/645121/7
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23177/9043/79598/80184/4750/1107/64770/5116/84376/285331/57600/284001/5108/23265/6510
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gnal=20%","3306/9601/3303/3309/3304/972/3337/126393/2280/3310/3315/2286/5479/23753/104
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4133/58155/140767/5048/26053/22941/1996/3800/116983/8851/118813/4649/7786/27124/26230
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%, signal=30%","5105/90/5978/8644/687/114907/6446/7538/11170/6781/5327/358/677/54541/154
7030/5378/5395/6996/2956/4438/4436/4439"
, list=18%, signal=50%","6647/5341/4790/27122/5978/653/650/348"
4/22909/57472/255967/55218/90806/9924/4848/129563/7486/10111/9937/246175/112479/16722
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0%, signal=45%","4825/9283/84504/1499/9241/1745/23500/3949/1746/3400/3280/4851/9572/54
.013430912702309,1523,"tags=44%, list=8%, signal=40%","6121/59344/8544/240/3242/5743/241/2
,3733,"tags=50%, list=21%, signal=40%","933/8525/5795/56940/29085/1997/5777/11006/11314/1
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01/8826/2246/6285/6271/302/79026/7430/6277/311/6282"
, signal=46%","28984/650/7133/4851/90993/2022/7132"
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56916/57673/1060/4204/546/115426/9682/54737/3070/26038/23512/4999/22880/11176/23411/7
/7047/2312/3849/6707/5266/9333/3713/3858/1832/1475/2335/1281/2162/633/7052/7057/301/1
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54%, list=18%, signal=44%","6891/912/3134/3135/563/567/3133"
","79882/4133/5048/6421/23287/3800/2898/26985/23095/6792/8120/10013/84871/2332/8936/9
%","4780/84699/121506/23071/1311/7415/57414/64764/84919/8614/11153/267/5611/8988/1095
3081,"tags=48%, list=17%, signal=39%","2688/3486/653/650/367/3485/4824/3479/3487/3489"

'5033/8974/10549/5034/55214/60681/5351/10491/8985"
ags=47%, list=20%, signal=38%","9108/8867/8776/8897/9110/66036/22876/9107/22908"
%, signal=41%","91942/4714/4708/55863/4707/4709/84233/51079/126328/4696/4717/55967/4711
3%, list=23%, signal=41%","91942/4714/4708/55863/4707/4709/84233/51079/126328/4696/4717/5
, signal=30%","336/344/4023/19/341/5322/3931/9388/3990/335/6646/5320/8435/348/84879/737
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350/57472/4848/4849/246175/23019/29883"
22/85477/11034/23380/9535/4627/2934/1072"
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5, list=22%, signal=37%","4615/7099/5336/23586/3654/7097/4940/4939/3661/10211/2597/3663/68
=83%, list=22%, signal=65%","7099/51704/5336/7474/10859/8482/3135/972/7805/10417"
%","1794/4118/5538/10211/79152/857/858/302/91663/2934/6281/2013"
%, signal=50%","3718/3142/246778/8767/3566/301"
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495/3559/5142/7128/55113/83700/8772/57864/3718/8740/3091/3558/29985/11035/3071/6372/1
,"tags=65%, list=39%, signal=40%","7756/324/7175/84861/55755/472/54908/55795/5885/348654/2
28%","5170/10142/8658/253260/9252/673/5310/9706/5599/200576/65981/9113/23049/22983/64
signal=45%","350/5125/344/338328/5045/341/51099/335/10062/51129/7376"
nal=51%","6608/4435/10736/6939/1499/6299/2668/7490/7484/53918/3976/652/8324"
gnal=39%","125/145226/50700/8644/126/10170/195814/157506/9249"
1%, list=24%, signal=24%","55704/54874/51735/79598/80184/10152/9857/4750/5991/9786/33982
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%","3226/221833/1499/8854/6469/51222/2263/6910/6299/8323/4154/2719/9241/4920/140467/59
26/221833/1499/8854/6469/51222/2263/6910/6299/8323/4154/2719/9241/4920/140467/5915/32
1/1003/653/650/654/652/9518/29108"
/10111/2072/4436/126549/23137/79677/348654/5892/25788/675/7515/7014/4292/11144/4437/2
al=48%","3949/10471/5204/1410/348/5202/54209/5201"
gnal=36%","9108/8867/8776/27124/8897/9110/66036/4952/56623/22876/9107/1133/22908/9349
'55022/4435/3572/4790/5105/6997/6404/3570/1116/1050/22904/10413/5970/6688/3569/57817"
ist=15%, signal=44%","7157/3458/3055/54625/5468/8651/10062/83666/3659/6672/7376/9111/111
%, list=18%, signal=27%","135250/10859/5272/56253/3592/6318/7409/84868/3134/3135/3965/313
%, signal=57%","4615/1991/6372/6338/171389/11334/54210/1511"
al=31%","342574/3892/4741/5318/338785/8419/3849/3891/51350/4744/3852/3861/8687/3886/38
/336/344/4023/338328/215/19/22913/2167/7555/3931/9388/857/9420/3949/3990/335/6646/514
"4615/10333/54472/7097/6279/7096/6280/6850/81622/23643"
67%, list=8%, signal=61%","84433/8517/3932/8915/6188/100/5970/3783/8934/975"
3091/56339/79872/57721/55783/55006/79066/63935/54888/9589"
9%, list=19%, signal=24%","79705/8826/5478/5795/5341/4092/10252/5783/120892/10221/140885/
58%","57493/25932/26084/4233/1306/80781/6781/8985"
ist=20%, signal=28%","2308/100507050/7474/2262/267/7090/55612/9978/79705/10459/8796/748
nal=40%","89822/10089/400916/60598/8645/9424/3775/3783"
signal=50%","3456/23586/3661/10211/3434/857/64135/7098/81035/5899"
","55236/7804/10152/158866/22849/65981/816/5048/9231/5063/7337/8851/80823/50944/23181,
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2149/120892/1499/83483/4118/6786/10211/4038/23209/161742/6404/147/3055/857/3162/3937/
1/3690/84168/382/3135/8326/7408/10630"
3897355430619,2915,"tags=43%, list=16%, signal=37%","3091/3725/7157/26287/7009/468/1649/31

6%","27085/54908/283489/7272/79003/55920/9735/983/55055/55166/51112/9183/9184/10403/9
36%, signal=56%","27085/54908/283489/7272/79003/55920/9735/983/55055/55166/51112/9183/9
, signal=55%","3227/3373/1499/9241/3207/130497/652/116039"
ags=35%, list=18%, signal=29%","2149/85480/2688/3587/64109/11314/3570/6352/3586/8651/3280
=12%, signal=31%","1650/6185/58505/84061/6184/4245/100128731/1603"
3/120892/5322/653361/3920/4688/4689/8878/2512/3916/2495"
49%","3620/7128/6279/1588/8876/10563/6280/7412/6352/3586/7057"
55/10333/7097/64127/912/10392/7096/284297/3123/3106/3105"
gnal=32%","2891/10142/107/112476/22866/10243/26045/1739/3756/2890/10369/1056/2901/536
gnal=29%","336/344/4023/341/5322/3931/9388/3990/335/5320/348/5360"
0%, signal=45%","4099/4821/4825/3572/5803/7097/84504/6469/27339/6692/7852/1605/650/443/
=41%","636/9857/64770/324/2932/146057/55125/84376/4926/11190/5108/9851/2804/9585/1378
947/23213/2621/5155/4162/54885/134/4643/1535/2013"
525,3585,"tags=47%, list=20%, signal=37%","3929/7100/57864/7097/55601/10211/7096/25921/857/
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gnal=48%","6366/729230/351/81704/83692/7474/8772/8740/10563/6352/8764/6364/3627/199/6
signal=34%","257101/388552/2268/2621/639/3592/84868/3134/3601/558/2214/3133/100507436
%","51804/255743/7475/55366/6608/4435/10736/7481/2297/1499/6469/84445/6943/6299/2719/9
t=20%, signal=42%","114548/3662/54440/940/160365/6850/3556/942/84868/3965/2207/3133/105
,"55120/54880/8452/10075/84861/90025/8450/9148/10336/2176/23429/23295/63893/10210/576
,"tags=63%, list=21%, signal=50%","57126/23586/695/5724/3689/3684/6688/3133/718/7305/6810/
092/10252/23493/7481/26508/1499/8854/1942/6469/4607/2263/53834/10959/3091/6910/4088/23
37,4485,"tags=57%, list=25%, signal=43%","64805/9934/286530/2857/5028/5029/5724/5031"
ags=57%, list=25%, signal=43%","64805/9934/286530/2857/5028/5029/5724/5031"
list=11%, signal=57%","2200/3915/79026/10516/11117/84034/2199"
%","2629/687/1520/1512/7068/3280/3625/1514/717/1508/4005/10634"
848/4133/58155/140767/8867/5048/112476/26053/9498/22941/10772/1996/3800/23025/116983
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5%, list=34%, signal=37%","905/284695/10915/8621/3150/8861/9984/7919/22828/2074/55209/214
9/8289/6601/6605/8110/51412/8193/6597/5977/6602/6599/6604"
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1389/5029/100/134/8673/1535"
38%","51804/255743/7475/55366/6608/153572/4435/10736/7481/2297/1499/6469/84445/6943/6
3,"tags=35%, list=21%, signal=27%","84166/7128/114548/847/3654/170622/64127/1240/9447/3656
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=38%","22915/84959/5580/3572/5592/928/10019/6850/4067/1511/3569/84034/114897/10630"
32,"tags=71%, list=23%, signal=54%","6772/2208/7099/90865/7097/120892/3718/64127/3458/1013
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, signal=37%","330/9181/8772/857/4504/8326/8531/26471"
l=32%","23493/1956/2263/10959/3091/7472/639/9394/653/6692/133/6768/5155/7477/7026/358
8675521021722,0.025257216358299,0.0164372114385519,1523,"tags=46%, list=8%, signal=42%","
1%","2359/1378/1240/2358/719/27202/2357/728"
9%","9474/326/7535/5788/916/1794/6469/940/972/2737"
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4%","7099/8809/10333/26280/7097/7096/3556/9173/683/8808/3554"
, list=22%, signal=54%","7099/8809/10333/26280/7097/7096/3556/9173/683/8808/3554"
5, signal=48%","51270/139135/55646/4092/1649/4091/51176/3400/3398/3397/4824/4188/3399"
5, signal=34%","54440/3558/604/3071/10673/4208/4282/1880/683/4773/100/972/23529/958/1026
35/2946/6263/6546/5562/3066"

5/79871/64848/284695/10915/23248/23168/5586/22828/8202/55197/57466/27161/26523/55250
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ist=21%, signal=51%","5336/90865/120892/6348/3553/1075/54209/3569/26471"
gnal=49%","5689/5693/5694/5691/5692/5698/5696/5699"
474/336/4017/4015/335/388630/84171/4016/285362/2876"
1/25913/3980/10111/54617/1763/64710/7528/3978/5426/4798/83444/10714/5422/64858/5983/
%, signal=50%","4057/219972/5068/130120/5967/117285/2208/5551/64581/5968/3458/6590/628
'55669/10059/23287/4139/84327/10013/84871/85300/8936/4976/55288/57835/55156/4137/6683
%, signal=40%","114803/55578/6873/8295/9958/6874/171023/117143/4287/9913/23326/7398/78
=62%","5395/7486/545/254394/2956/4436/4595/84515/4292"
23596/4312/4318/611/4311/10715/4314/4313/7076"
',3002,"tags=55%, list=17%, signal=45%","11315/940/695/3133/718/975"
list=18%, signal=47%","4092/4017/51222/4088/3207/94/6662/654/8200/2737/860"
140628/7291/23493/26508/1942/7075/4091/4772/6662/4851/23462/6591/6615/4846/652/11117,
signal=39%","55904/8473/4297/26053/54880/55683/23168/23028/284058/4089/22976/2625/1789
gnal=51%","1909/183/10316/11331/395/3702/5330/64805/552/1956/8698/3357/5031/942/11572
4836253932,1939,"tags=33%, list=11%, signal=30%","4282/3622/598/6423/57007/6591/6615/972/6
nal=30%","9984/10116/54465/7919/5514"
'51411/7414/2017/134265/85477/7412/7984/83706/6455/7171/64147/2934/9948"
22,"tags=53%, list=20%, signal=43%","653499/29126/4092/30009/3718/3558/604/654346/51043/5
2%, signal=26%","6696/2864/6343/2922/4825/56729/6869/2695/169026/286676/116/3091/2696/1
6","11064/9859/1639/90060/3796/145508/4957/51199"
al=34%","84524/23451/55814/6619/79664/9330/23379/170506/25850/2972/2975/6908/9329/2074
9%, signal=38%","29763/84888/51429/8754/4316/5664/51107/7078/150/152503/5045/3458/1605
L/2213/2214/3133/718/2209"
"26504/26505/7021/54822/7504/54805/288"
7/4092/91624/1499/11315/83478/8572/83872/10211/23616/10397/84962/27295/90952/64236/79
nal=56%","7327/6772/824/3456/997/51079/9447/4332/3659/4938/117854/7098/3428/10581"
list=27%, signal=24%","11052/91746/55015/51747/23451/6936/58155/6431/10772/55192/11168/2
17%, signal=24%","6469/84445/11315/8882/84662/4088/2316/3458/11142/29775/6612/11006/835
signal=30%","4790/6720/27122/3458/2246/5978/653/1081/8644/133/1958/650/1601/654/23541/
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s=68%, list=23%, signal=53%","6772/2208/7099/90865/7097/120892/3718/64127/2950/3458/10135
44%","9861/5713/5705/5710/5719/5704/5715/5702/5714/11047"
s=68%, list=26%, signal=51%","4192/5764/6504/83700/3929/1991/6279/6280/2867/6376/240/6401
%, list=21%, signal=42%","140628/2308/5025/4088/90523/5468/7133/4851/2539/221476/5997/846
49%","164045/80010/2072/197342/7155/57697/84464/29781/7272/7153/254528/1325/9700/4292
9063/57691/26036/5903"
709/6727/29927/90637/10952/3309/9697/23471/58477/4121/6747/128866/28972"
6","11151/4635/85409/4607/558/103910/10398/10627"
list=17%, signal=29%","1499/10221/3205/10859/3218/10766/11006/4609/6348/3204/11025/2200/
.9477,3625,"tags=30%, list=20%, signal=24%","3552/7474/64581/84766/10912/23328/90441/64127
3%, list=29%, signal=41%","3975/5076/1950/4192/51804/55366/6608/81029/3687/1499/9241/2668
2/7073/22849/23369/149041/9698/1996/79048/90806/23367/170506/25929/2332/10643/1993/11
4%, signal=27%","8658/80351/51750/25913/546/8550/4216/170506/10111/545/5514/472/84464/3
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47%, list=24%, signal=36%","2185/1191/7099/10333/64581/5025/23564/4088/3458/6648/3553/199
al=43%","6480/64127/3661/4208/80301/1234/3707/1514/3665/301/3569"
'23213/2621/5155/4162/54885/134/4643/1535/2013"
%","729230/916/3094/56923/90070/1907/2494/51643/477/2905/3708/10663/64805/10269/2185/

."8925/79809/23287/91137/8861/5629/6095/2895/538/85442/4983/5781"
)474/326/7535/5788/916/1794/6469/940/972/2737"
nal=38%","51804/255743/7475/55366/6608/153572/4435/10736/7481/2297/1499/6469/84445/69
=42%","10142/57584/5048/259266/29899"
st=20%, signal=49%","10333/1991/671/945/284297/3586/307/7114/9314/301/602"
=45%","150921/5467/23641/10370/5764/6696/4693/8614/10959/2057/639/51673/7026/3976/678
ıal=29%","79834/55612/7414/5795/2824/54453/56940/27185/9647/3987/4088/604/59339/56477/
al=23%","2263/10959/9508/166863/9997/3091/8882/29985/4088/4154/9241/7157/7779/90/7472/
"8809/3456/114548/4092/30009/54440/11006/91543/7133/3553/3134/54795/3077/567/3569/355
signal=39%","8809/3456/114548/4092/30009/54440/11006/91543/7133/3553/3134/54795/3077/5
4790/200424/1565/80312/6996/79068/1558"
;=90%, list=11%, signal=80%","58533/4092/4091/10979/7048/2280/7043/2022/7040"
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015/22909/54778/2968/51426/5893/2071/4287/2072/2074/2176/23411/7874/1161/6117/7507/84
074/91252/169026/64116/6279/7779/6280/4495/7922/4504/7780/4494/4489/4499/4501/4502/44
5, signal=24%","7099/2864/8736/3552/4825/2695/5478/169026/7097/3091/2696/5950/945/7424/1
, signal=38%","80201/3099/7157/92579/5223/25796/7086/2539/64080/6888"
57,0.0186864287847304,3933,"tags=64%, list=22%, signal=50%","7099/51704/5336/7474/23586/10
1/84766/342667/6588/57192/10800/3710/2149/4283/51393/920/1499/3718/3270/5025/5144/108
%, list=16%, signal=40%","7480/401138/7475/9365/2824/4088/90/4208/468/6522/130497/650/240
7,3103,"tags=38%, list=17%, signal=32%","23049/65110/79048/4686/65109/23293/22794/9811/16
"3929/64581/78989/2219/84466/100423062/8547/5322/721/5806/54209/4240/81035/10417"
gnal=48%","2255/10370/3227/140628/7474/10252/7481/1499/6469/23213/2246/7472/2668/3207
","9370/10370/54997/1053/10456/10221/2124/84522/51176/3635/1050/3059/25979/714/1440/66
l=33%","1956/3725/653361/2353/8644/3162/4495/4504/4494/4489/4499/4501/4502/4493"
"26009/4297/23774/55689/84289/27154/2625/23411/51562/6871/11091"
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460403,5595,"tags=53%, list=31%, signal=37%","27327/54542/22849/57472/149041/255967/23112
5, list=19%, signal=32%","10459/30009/54440/3558/940/5950/3586/942/8741/3566/23529/6778/95
940/1464/4920/3690/1234/7049/7852/942/4919/4804/57007/23643/2022/2239"
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nal=42%","79871/284695/23248/23168/22828/8202/55197/57466/27161/26523/55250/58490/569
3%, signal=37%","7804/10152/158866/65981/816/5048/5063/7337/8851/80823/170506/80725/54
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478/3265/1464/4070/26084/857/2059/5879/23189/382/3383/199/51225/5216/391"
t=16%, signal=46%","1240/719/6352/1436/146433/7057/59341/1435/728/5919"
%","6366/729230/10164/6402/3695/2526/3688/9435/1991/56477/6404/58494/7412/5724/1524/2
=24%, signal=61%","636/324/2932/11190/137886/55722/57787/23636"
%","51804/255743/7475/55366/6608/153572/1282/4435/10736/7481/2297/1499/6469/84445/6943
448/129450/93587/221078/55644/23070/23091/54802/54482/56986/64172/57505/63899/79068/2
signal=38%","84275/1347/7415/215/10105/51085/6622/4609/1346/387/26471"
list=18%, signal=47%","8772/64065/444/171389/8767/5641/83874/578/572/3428/29108"
","4023/440503/123/51099/5468/3553/57104/54209/10226"
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67%, list=31%, signal=46%","3631/200576/8867/5289/22863/4952/472/5286/8503/5293/5290/5287
, signal=49%","54880/22823/23028/9682/55818/1789/23411/23081/11091/4302/6830/55170/5569
%","7125/56203/7136/25802/7134/7171/7169/7140/7170"

ignal=41%","3841/53371/3836/727851/5903/653489/23633/129401/868/3839/3837/400966"
list=37%, signal=32%","9575/26058/1386/7756/79027/57551/324/7158/988/1739/5934/1112/5629
1.65385138110782,0.00790403913460058,0.0310458016910494,0.0201895880176074,3677,"tags=4
36/5048/324/4926/23299/7175/10013/2332/9126"
3%","4982/4192/84959/2488/6696/81501/7128/5166/4054/3690/53832/6850/1901/3635/56834/1
, signal=48%","55183/51750/7158/23347/9984/2956/4436/126549/84083/10721/54386/80762/701
9/58494/6280/4478/3553/8013/3037/6793"
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40/26056/2695/5105/6338/8477/1520/6548/6750/6337/5641/11261/2828/5176"
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5/5446/4881/554/6869/2149/947/23213/360/3784/2621/66002/1910/9429/8644/133/5155/4162/
5, signal=50%","27122/5978/653/8644/133/1958/650/1601/654/27120"
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, signal=45%","3631/8867/27124/4952/56623"
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st=15%, signal=59%","6366/6504/2621/3592/3965/6688/811"
=76%","388325/10867/81619/25939/23555/340348/975/10630"
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gnal=33%","22849/2332/220988/80315/27067"
%, signal=20%","2950/9647/134147/9447/7157/3784/2621/2948/4208/5978/10715/10/66002/2978
t=13%, signal=38%","10140/81031/23625/5468/650/1601/654/11030/8200/25937/652/7043/7040"
26%","1499/81792/23213/22856/54480/11285/9394/337876/81031/2132/113189/54360/2131/23
signal=32%","8658/9575/26058/1386/7756/79027/57551/324/7158/27085/988/1739/5934/1112/54
al=30%","9113/57551/4204/6873/80169/1112/284001/9024/2273/5569/84446/8883/5087/57504/4
signal=54%","84455/7275/57560/92482/9135/23265/57728/9321/60412/90410/200894/26258/392
/8295/10847/55929/54556"
22%, signal=32%","6340/525/57822/7357/6722/59344/360/388697/51599/79152/66002/6338/2132
signal=40%","7480/401138/7475/9365/2824/4088/90/4208/468/6522/130497/650/240/654/33877
gs=44%, list=20%, signal=36%","3929/7100/7097/10211/7096/857/91543/10062/7098/4814/3430/1
signal=24%","7291/2192/5611/79705/5478/5795/4092/10252/5783/120892/10221/140885/56940,
33/3741/2308/847/5159/857/1543/1277/6648/355/4313/10630"
"80298/130916/79736/2309/64863/51106/5562/7978/7019"
, signal=25%","6343/2065/5336/4881/933/10411/4760/123041/4880/64581/997/3269/6351/51024
nal=49%","55223/503841/8915/64170/5336/64581/60343/338339/26253/245932/5322/1524/6688
signal=54%","916/8754/255743/8631/3688/10563/23075/6352/3678/100/83706/9780"
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%","23332/157922/23122/57551/324/146057/126731/10297/23271/10013/401236/344148/57662/
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56%","729230/482/64805/5025/6348/1524/6376/1880/54209/1435"
/341/3931/335/6646/8435/348/55004"
341/3931/335/6646/8435/348/55004"
336/341/3931/335/6646/8435/348/55004"
l=28%","4609/5339/1281/8651/6495/56034/80310/1277/598/1290/83667/5156/1278/389541/130
158219/336/344/4023/338328/19/22913/2167/7555/3931/9388/857/9420/3949/3990/335/6646/5

34%","55183/196528/56916/57634/23126/54799/10902/26122/80314/79915/8295/51750/7158/23
554/55704/7248/253260/93627/197131/23049/96459/23304/5563/79726/10000/8550/26268/5314
al=45%","3486/3690/3655/3485/3691/3487/3489"
30%","857/374/581/367/1436/5371/7048/7421/1969/652/6778/2737/6356/1435/4488"
4/4327/3309/7226/9510/2069/5156/5806/4846/3037/2/558/7130/7043/7079/1545/5176/4313"
6","5170/10142/8658/253260/9252/673/5310/9706/5599/200576/65981/9113/23049/22983/64324
4/153241/85459/23032/25914/55125/5314/284001/55835/9662/163786/9851/84446/56890/5575
024,"tags=62%, list=39%, signal=38%","7756/324/7175/84861/55755/472/54908/55795/5885/34865
10521/54542/192670/149041/23405/29102/129563/389421/27161/87178/23053/57510"
%, signal=31%","3269/5341/4790/6720/27122/2246/5028/5978/6622/653/5724/5031/650/1601/65
.0211/857/858/302/6281/2013"
5,3136,"tags=80%, list=17%, signal=66%","1499/6469/6662/367/4851/55840/4824/5176"
54%, list=17%, signal=44%","947/140885/857/3586/80149/2717/706"
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%","23332/4133/339829/54839/7756/285331/4926/23255/11076/55755/9148/401024/6249/34589
, signal=56%","3488/54206/2308/4088/90523/5468/4846/4000"
6","8837/4654/51177/92304/824/4283/8740/10211/963/3627/4773/3566/9518/30846/10938"
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signal=64%","92304/824/4283/8740/10211/963/4773/3566/9518/30846/10938"
1/54806/23363/28996/793/256297/10210/6247/221935/84465/121643/112724/204851/6505"
/23122/5048/85459/10426/4926/126731/8452/84140/79884/284001/84861/259282/11127/23354
29066/192670/23369/23405/9611/29102/9698/192669/54487/389421/23264/27161/1655/26523/
40%","80763/51052/51083/5697/1392/5539/2922/116/7432/5368/885/4828/797/5179/7425"
%, signal=40%","7804/22849/65981/816/5048/9231/5063/7337/80823/50944/170506/2332/9148/5
"7072/64848/27327/54464/9931/9575/26058/54542/7073/192670/23369/149041/79675/255967/
%","57560/23059/11020/26160/28981/51668/90410/150737/79989/92104/51098/80173/8100/262
/1647/653361/54986/7538/650/1843/5187/3553/7430/5606/80149/3965/652/677/54209/6688/46
8%, signal=52%","89780/55897/30009/84504/3280/6423/8324"
3%, list=23%, signal=56%","55273/1499/694/94/4851/654/652/84913"
057/10578/3240/3320/4353/10808/7184/6288/335/1514/348/1440/6678/811"
'tags=34%, list=23%, signal=26%","3248/3294/57665/51144/3614/51635/1109/7358/3283/10257/79
7072/79882/9987/255967/1996/6310/2332/27303/87178/140886/3192/10657"
5, list=31%, signal=53%","55183/51750/9937/2072/64421/65057/54386/7515/64858/7014"
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58%","5980/51455/51426/11201/5429/201973/10714/5427"
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t=25%, signal=42%","3620/81704/8772/57864/3718/1942/3091/1831/6352/100/652"
5015/51747/23451/25766/6625/55660/55692"
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5","1191/336/344/19/3931/9388/3990/335/348/1066"
994/9063/7181/7750/1107/54778/9683/7994/546/84268/26036/56478/545/28996/57731/7156/63
7","tags=73%, list=35%, signal=48%","55339/11052/10898/81608/11051/642843/79869/29894/8189/
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6","5166/7481/120892/1374/8854/64127/2688/150094/5105/9227/6720/10631/360/56477/1373/2
15%, signal=23%","3071/85477/10109/90952/23500/3055/832/2059/256949/9168/10094/25802/2
6, signal=37%","26058/1386/57551/1112/835/9656/5514/84446/8883/79791/197342/472/1027/443
signal=29%","3082/7179/4058/7010/4915/10456/2065/2064/7291/847/7301/2149/5783/1956/268
824,"tags=41%, list=32%, signal=28%","905/5980/79871/92/23248/5565/5431/8621/8408/6873/296
51/8851/6530/10013/84688/54617/79739/57609/55521/6683/2534/29072/859/219899/8481/2339
0%, list=19%, signal=57%","3593/6693/114836/6774/51561/4063/30009/3662/3594/3570/10538/15

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15,"tags=43%, list=16%, signal=36%","3091/6195/3725/7157/26287/7009/468/1649/3162/1958/330
9%","9786/221322/79809/55717/9231/5567/146057/57560/50937/1387/8945/23322/23552/5992/
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, signal=30%","933/9466/10459/30009/54440/3558/604/940/7009/5950/3586/942/10039/8741/55
al=44%","56916/55218/5893/1763/84464/317761/83990/51444/55100/6419/92797/641"
, signal=31%","9108/8867/8776/8897/9110/66036"
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066,3990,"tags=71%, list=22%, signal=56%","1909/998/1906/11214/5142/5144/5350/857/5997/27
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5950/5241/174/7490/668/10461/4609/7026/3624/598/581/4327/1299/25976/84159/3625/3309/9
al=49%","57472/255967/9924/4848/246175/23019/29883"
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44%","254394/1763/63922/10721/1660/84515/5983/5985/80119/113510/92797/5984/4173/56897
56/3932/90070/255231/477/930/3708/6261/11151/3358/2185/3709/845/623/57158/84959/7184/
/257218/54799/10902/26122/7994/80314/8295/80169/25913/23522/5893/54737/2071/2033/235
915/51750/546/7486/54617/80174/8317/144455/29980/1763/58525/26271/3978/59343/91603/6
, signal=30%","55183/9252/55904/8473/4297/26053/4204/25836/55683/22823/23168/94104/2302
ignal=36%","158219/336/344/51024/19/4790/341/3690/51099/5468/4792/10062/57104/1066/705
3%","9113/57551/4204/6873/79915/80169/1112/284001/9024/2273/5569/22976/84446/8883/508
=36%","55509/4853/10538/7048/116071/6688/5971/4055"
79%, list=29%, signal=56%","11052/55051/7175/9972/29072/26993/10657/1660/6830/54888/5567
241/23308/6750/9076/5585/80303/358/59341/7098/8531"
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%","3673/3688/10736/2263/3690/3207/2294/3624/2303/6423/9314/2697/652/3691/2139"
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%, list=39%, signal=38%","7756/324/7175/84861/55755/472/54908/55795/5885/348654/26271/721
=18%, signal=31%","4092/23493/4607/2263/6910/9241/1832/7049/79191/56999/2303/10848/485
2/4619/4629/4636/4626/29895/8735/10398"
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62745,5193,"tags=64%, list=29%, signal=45%","923/6774/64170/115362/4615/7099/10333/64581/6
56916/5599/26009/1107/57459/6421/79718/25836/5563/9759/55689/55809/2033/10013/23186/1
, list=23%, signal=34%","51287/91942/4714/4708/55863/4707/4709/84233/51079/100131801/8394
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gs=64%, list=14%, signal=55%","27327/192670/23112/192669/57690/27161/26523"
list=23%, signal=39%","51804/255743/7475/55366/6608/4435/10736/2297/1499/6469/6943/6299/1
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=52%, list=20%, signal=42%","8525/5795/56940/29085/1997/5777/11006/10385/7430/2633/7805/7
, list=25%, signal=34%","55832/55729/6873/9774/9282/170506/9969/6872/6874/26036/2957/229
st=10%, signal=32%","7804/22849/65981/816/5048/9231/5063/80823/50944/170506/2332/9148"
24%, signal=25%","8925/57178/26058/4133/89884/79809/5048/166614/23287/1996/91137/55558/
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=47%, list=19%, signal=38%","55612/8710/5045/7481/947/10859/3091/4088/2335/6376/4052/261
nal=28%","5170/23332/23353/9892/54874/636/57584/4133/7514/56776/153241/23122/8867/504
gnal=39%","6328/6326/6334/55800/6335/6323/11280/8913"
=56%, list=17%, signal=46%","4118/10392/834/91662/1512/51065/1075/572/4824/29108"
%, list=16%, signal=37%","7358/22856/54480/337876/54360/9469/50515/26229/56548/79586"
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l=22%","29925/6480/90865/2134/1499/170384/8813/3718/64116/123264/22822/113277/22856/5
83/6279/6280/6285/2357/6284/6275"
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588/9825/4808/5241/174/3207/7490/668/5159/8644/7022/4609/8894/7026/3622/3624/3206/598
%","4609/115908/857/4233/285381/10418/51339/5468/8721/650/302/8767/23129/4803/3280/15
6%, list=24%, signal=43%","51744/2185/3269/5341/5028/6622/5724/5031/2852"
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al=25%","81926/10232/2352/1043/284348/152330/57126/338328/2674/2262/10942/146183/8794
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/8626/1041/3673/6722/2629/3655/1277/1278/3691"
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%, signal=39%","7756/324/7175/84861/55755/472/54908/55795/348654/7272/701/9735/55055/69
al=39%","7756/324/7175/84861/55755/472/54908/55795/348654/7272/701/9735/55055/699/1063
39%","7756/324/7175/84861/55755/472/54908/55795/348654/7272/701/9735/55055/699/1063/9
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%, signal=28%","336/344/4023/19/341/5322/3931/9388/3990/335/6646/5320/8435/348/84879/73
st=36%, signal=37%","57551/4204/80169/1112/2273/5569/84446/8883/5087/57504/472/80174/83
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