

**Table S3. miRNAs binding with the 7 pseudogenes.**

### CCDC150P1

<a href="#">Data Link</a>	hsa-miR-545-3p	SRP051707
<a href="#">Data Link</a>	hsa-miR-9-3p	SRX020783

### DPY19L1P1

<a href="#">Data Link</a>	hsa-miR-1297	SRX058619
<a href="#">Data Link</a>	hsa-miR-136-5p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-142-5p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-224-3p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-300	GSM2065793
<a href="#">Data Link</a>	hsa-miR-374c-5p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-380-3p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-381-3p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-382-5p	GSM2065793
<a href="#">Data Link</a>	hsa-miR-455-5p	SRX666582, SRX191922, SRX666582, SRX190743, SRX058619

### FTH1P8

<a href="#">Data Link</a>	hsa-miR-1252-5p
<a href="#">Data Link</a>	hsa-miR-1301-3p
<a href="#">Data Link</a>	hsa-miR-130a-5p
<a href="#">Data Link</a>	hsa-miR-134-5p
<a href="#">Data Link</a>	hsa-miR-135a-5p
<a href="#">Data Link</a>	hsa-miR-135b-5p
<a href="#">Data Link</a>	hsa-miR-182-5p
<a href="#">Data Link</a>	hsa-miR-2116-3p
<a href="#">Data Link</a>	hsa-miR-218-5p
<a href="#">Data Link</a>	hsa-miR-224-5p

### GTF2IP4

<a href="#">Data Link</a>	hsa-miR-1-3p
<a href="#">Data Link</a>	hsa-miR-1197
<a href="#">Data Link</a>	hsa-miR-1277-3p
<a href="#">Data Link</a>	hsa-miR-129-5p
<a href="#">Data Link</a>	hsa-miR-1298-5p
<a href="#">Data Link</a>	hsa-miR-183-5p
<a href="#">Data Link</a>	hsa-miR-199a-3p

<a href="#">Data Link</a>	hsa-miR-199b-3p
<a href="#">Data Link</a>	hsa-miR-206
<a href="#">Data Link</a>	hsa-miR-212-5p

## HLA-K

<a href="#">Data Link</a>	hsa-miR-124-3p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-140-3p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-15a-5p	SRX666582, SRX191922, SRX666582
<a href="#">Data Link</a>	hsa-miR-15b-5p	SRX666582, SRX191922, SRX666582
<a href="#">Data Link</a>	hsa-miR-16-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-183-5p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-195-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-199a-5p	SRX191922
<a href="#">Data Link</a>	hsa-miR-199b-5p	SRX191922
<a href="#">Data Link</a>	hsa-miR-214-3p	SRX666582, SRX666582
<a href="#">Data Link</a>	hsa-miR-22-3p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-2278	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-296-5p	SRX666580, SRX191921, SRX191922, SRX666580
<a href="#">Data Link</a>	hsa-miR-3127-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-3184-5p	SRX190747
<a href="#">Data Link</a>	hsa-miR-3200-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-335-5p	SRX666580, SRX191921, SRX191922, SRX666580
<a href="#">Data Link</a>	hsa-miR-3619-5p	SRX666582, SRX191922, SRX666582
<a href="#">Data Link</a>	hsa-miR-3918	SRX666580, SRX191921, SRX191922, SRX666580
<a href="#">Data Link</a>	hsa-miR-423-5p	SRX190747
<a href="#">Data Link</a>	hsa-miR-424-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-4428	SRX191922
<a href="#">Data Link</a>	hsa-miR-4726-5p	SRX666580, SRX191921, SRX191922, SRX666580
<a href="#">Data Link</a>	hsa-miR-497-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-506-3p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-589-5p	SRX191922
<a href="#">Data Link</a>	hsa-miR-605-3p	SRX190742, SRX190747
<a href="#">Data Link</a>	hsa-miR-6746-3p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-6838-5p	SRX191921, SRX191922
<a href="#">Data Link</a>	hsa-miR-761	SRX666582, SRX666582

## NAPSB

<a href="#">Data Link</a>	hsa-miR-15a-5p	SRP018317, SRX195371
<a href="#">Data Link</a>	hsa-miR-15b-5p	SRP018317, SRX195371
<a href="#">Data Link</a>	hsa-miR-16-5p	SRP018317
<a href="#">Data Link</a>	hsa-miR-195-5p	SRP018317, SRX195371

<a href="#">Data Link</a>	hsa-miR-2467-3p	SRP018317
<a href="#">Data Link</a>	hsa-miR-424-5p	SRP018317
<a href="#">Data Link</a>	hsa-miR-4524a-5p	SRP018317
<a href="#">Data Link</a>	hsa-miR-4524b-5p	SRP018317
<a href="#">Data Link</a>	hsa-miR-497-5p	SRP018317, SRX195371
<a href="#">Data Link</a>	hsa-miR-6838-5p	SRP018317, SRX195371

### PDCD6IPP2

<a href="#">Data Link</a>	hsa-miR-103a-3p	SRX190742
<a href="#">Data Link</a>	hsa-miR-107	SRX190742
<a href="#">Data Link</a>	hsa-miR-1179	SRX190742
<a href="#">Data Link</a>	hsa-miR-126-5p	SRP042140
<a href="#">Data Link</a>	hsa-miR-1266-3p	SRX190743
<a href="#">Data Link</a>	hsa-miR-1276	SRX190742
<a href="#">Data Link</a>	hsa-miR-1287-5p	SRX190742
<a href="#">Data Link</a>	hsa-miR-132-3p	SRX190743
<a href="#">Data Link</a>	hsa-miR-1323	SRX191921, SRP042140
<a href="#">Data Link</a>	hsa-miR-151a-3p	SRX190743