

The list of lncRNAs matched with piRNAs in retina and RPE

LncRNA name	Location	piRNA ID	No. of mismatches	Strand
lnc-ZNF169-7	chromosome:GRCh38:9:94166258:94179563:1	piR-hsa-11360	0	+
lnc-ZNF169-7	chromosome:GRCh38:9:94166258:94179563:1	piR-hsa-11361	0	+
lnc-NEMF-1	chromosome:GRCh38:14:49861176:49862914:-1	piR-hsa-11817	0	+
Lnc-TIGD7-2	chromosome:GRCh38:16:3307573:3308393:-1	piR-hsa-1254	0	+
LRRC75A-AS1	chromosome:GRCh38:17:16439016:16442002:1	piR-hsa-1834	0	+
lnc-NEMF-1	chromosome:GRCh38:14:49861176:49862864:-1	piR-hsa-21131	0	+
lnc-TLCD1-1	chromosome:GRCh38:17:28721487:28722877:-1	piR-hsa-2138	0	-
Lnc-MAMDC2-4	chromosome:GRCh38:9:70310875:70312120:1	piR-hsa-23210	0	-
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3156736:3157483:-1	piR-hsa-23327	0	+
Lnc-SDHC-3	chromosome:GRCh38:1:161399409:161422424:1	piR-hsa-23330	0	-
Lnc-TRIM55-1	chromosome:GRCh38:8:66113287:66115207:1	piR-hsa-23574	1	+
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3156736:3157483:-1	piR-hsa-23619	1	+
LINC01962	chromosome:GRCh38:5:181187455:181189453:-1	piR-hsa-23655	0	+
Lnc-SDHC-3	chromosome:GRCh38:1:161399409:161422424:1	piR-hsa-23656	0	-
LINC00623	chromosome:GRCh38:1:120913328:121001622:1	piR-hsa-24672	1	-
Lnc-SDHC-3	chromosome:GRCh38:1:161399409:161422424:1	piR-hsa-24683	0	-
Lnc-SDHC-3	chromosome:GRCh38:1:161399409:161422424:1	piR-hsa-24684	0	-

The list of lncRNAs matched with piRNAs

The list of lncRNAs matched with piRNAs in retina and RPE

The list of lncRNAs matched with piRNAs in retina and RPE

Lnc-KCNE1B-156	chromosome:GRCh38:21:8 393419:8394341:-1	piR-hsa-27282	0	-
Lnc-KCNE1B-155	chromosome:GRCh38:21:8 437629:8438551:-1	piR-hsa-27282	0	-
Lnc-KCNE1B-157	chromosome:GRCh38:21:8 254592:8255514:-1	piR-hsa-27282	0	-
Lnc-KCNE1B-158	chromosome:GRCh38:21:8 210384:8211306:-1	piR-hsa-27282	0	-
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3 156736:3157483:-1	piR-hsa-27619	0	+
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3 156736:3157483:-1	piR-hsa-27620	0	+
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3 156736:3157483:-1	piR-hsa-27621	0	+
Lnc-ZSCAN10-4	chromosome:GRCh38:16:3 156736:3157483:-1	piR-hsa-27622	0	+
LINC00324	chromosome:GRCh38:17:8 220624:8224043:-1	piR-hsa-28223	1	+
C8orf37-AS1	chromosome:GRCh38:8:95 268832:95270322:1	piR-hsa-28590	1	-
SNHG14	chromosome:GRCh38:15:2 4979557:25036490:1	piR-hsa-28851	0	+
LINC01962	chromosome:GRCh38:5:18 1187455:181189453:-1	piR-hsa-28876	0	+
LINC01962	chromosome:GRCh38:5:18 1187455:181189453:-1	piR-hsa-28877	0	+
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32153	0	+
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32154	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32154	0	+
Lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32160	0	-
Lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32161	0	-
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32165	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4	piR-hsa-32168	0	+

The list of lncRNAs matched with piRNAs in retina and RPE

	9861176:49862864:-1			
lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32187	0	-
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32192	0	+
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32194	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32194	0	+
Lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32195	0	-
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32201	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32201	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32207	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32213	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32221	0	+
Lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32235	0	-
lnc-MAMDC2-4	chromosome:GRCh38:9:70 310875:70312120:1	piR-hsa-32238	0	-
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32252	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32280	0	+
lnc-FNBP1L-2	chromosome:GRCh38:1:93 847174:93848939:1	piR-hsa-32299	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32591	0	+
Lnc-TIGD7-2	chromosome:GRCh38:16:3 307573:3308393:-1	piR-hsa-32641	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32641	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32658	0	+

The list of lncRNAs matched with piRNAs in retina and RPE

lnc-NEMF-1	chromosome:GRCh38:14:4 9861176:49862864:-1	piR-hsa-32745	0	+
Lnc-KCNE1B-156	chromosome:GRCh38:21:8393 419:8394341:-1	piR-hsa-3405	0	-
Lnc-KCNE1B-155	chromosome:GRCh38:21:8437 629:8438551:-1	piR-hsa-3405	0	-
Lnc-KCNE1B-157	chromosome:GRCh38:21:8254 592:8255514:-1	piR-hsa-3405	0	-
Lnc-KCNE1B-158	chromosome:GRCh38:21:8210 384:8211306:-1	piR-hsa-3405	0	-
Lnc-TRIM55-1	chromosome:GRCh38:8:66113 287:66115207:1	piR-hsa-4947	0	+
Lnc-SDHC-3	chromosome:GRCh38:1:16139 9409:161422424:1	piR-hsa-6144	0	-
Lnc-SDHC-3	chromosome:GRCh38:1:16139 9409:161422424:1	piR-hsa-6145	0	-
Lnc-SDHC-3	chromosome:GRCh38:1:16139 9409:161422424:1	piR-hsa-6147	1	-
Lnc-TRIM55-1	chromosome:GRCh38:8:66113 287:66115207:1	piR-hsa-6839	1	+
Lnc-TRIM55-1	chromosome:GRCh38:8:66113 287:66115207:1	piR-hsa-6840	1	+
lnc-DUOXA1-1	chromosome:GRCh38:15:4519 8517:45199139:-1	piR-hsa-7193	0	+
Lnc-DUOXA1-2	chromosome:GRCh38:15:4520 0325:45200632:-1	piR-hsa-7193	0	+
Lnc-TRIM55-1	chromosome:GRCh38:8:66113 287:66115207:1	piR-hsa-7239	1	+
C8orf37-AS1	chromosome:GRCh38:8:95268 832:95270322:1	piR-hsa-32170	1	-
lnc-NEMF-1	chromosome:GRCh38:14:4986 1176:49862864:-1	piR-hsa-32174	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4986 1176:49862864:-1	piR-hsa-32175	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4986 1176:49862864:-1	piR-hsa-32177	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4986 1176:49862864:-1	piR-hsa-32181	0	+
lnc-NEMF-1	chromosome:GRCh38:14:4986	piR-hsa-32184	0	+

The list of lncRNAs matched with piRNAs in retina and RPE

	1176:49862864:-1			
lnc-NEMF-1	chromosome:GRCh38:14:4986 1176:49862864:-1	piR-hsa-32185	0	+
Lnc- MAMDC2-4	chromosome:GRCh38:9:70310 875:70312120:1	piR-hsa-32186	0	-