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Supplementary Table 2: The 3 m6A site abundance hypermethylated m6A cluster between NPRA$^{-/-}$ vs NPRA$^{+/+}$.

Trans ID	**Fold change**	**P value**	**Peak Sequence**	**Gene Symbol**	**m6A motif Sequence**
NM_001159724	1.596572543	0.004405974	1..1636 gatggctccctcatctctcggcgggcagtttacgtgtgaccctacgatatagacactggACACATGGAAACACCA AGTTCCACCCTCACTGCCAACCACACCAATGCCAGCCAGCAACGATGGCTAG GGACCGGTTGGACTGGTTCTTCTGGGGCACACTGGAGTTGGAAGGGCACCGC CCCTGCTTTCAGGATAGAGGACAAGTGGAACCACACAGACTCCTATCTTTAG GGCCTCATGGAGTAGGGGAccccaggagcgccatggtgcacactcaggactcctcagagcttgctttcg 1937..1995	Nectin2	AGACA;GGACA;AAACA; AGACA;GGACA;AAACA
NM_010638	2.155520957	0.002568676	1..1774 tttgagatttaaaaaaaacaaaacaaaaaaaaaaaaaacaacaaaaaaaaACCAACCCTCCATAGCACAGC TGTCTTTTATGCAAGCAAGAGCACACCTACTCCAGCATGATTTGTCATCTAAA GACTTGAAAACAAAACAACAACAACAAAAAGTTACTTATAGTCAATGGATA AGCAGAGTCCGAATTTACACTAATCAAGACAGACCTTCGAGGGGTCACGATA AGTCCGGAACTTTCAAACCTTGCTTCGTATGAATTGTACTATCTGAACATAAA ctgcacttttattttctaataccgagggtgaatacggtaaatacatgctt 2105..3263	Klf9	GAACA
NM_172887	1.767866338	0.040566381	1..9446 catgctggggcgacctccttcagtgtcttctcggccttcgcaaggcttggACGGACCATTCCCCTCTTCTTA CCTGTAGGACTTTTTCTAAAGAAGATGACTCAACTTCCAATGTGTAGCAATA CTGTCCAAACCGAGGCAGCCTAGGACCTCCTGAGACAGACAGACTCTACCCA TCCTGATGTGTGGCTACCCTTCACCAAGCAAATGCAACCAACCCACTCCTGG AGAcatgacttccgttgcattaccaaagctgaccacactgaacgacctagtcctt 9730..10730	Fry	AGACA