

Supplementary File S1. The specific information of the CpG probes across *EDN1*.

CpG	Gene number	Seqnames	Position	UCSC RefGene Name	UCSC RefGene Accession	GencodeBasicV12 Group	Islands Relation Name to Island	HR5 2 days (NG)	HR25 2 days (HG)
cg24244437	18	chr6	12289897	EDN1;EDN1	NM_001955;NM_001168319	TSS1500	OpenSea	0.065	0.069
cg16537245	18	chr6	12290035	EDN1;EDN1	NM_001955;NM_001168319	TSS1500	OpenSea	0.049	0.054
cg15194212	18	chr6	12290063	EDN1;EDN1	NM_001955;NM_001168319	TSS1500	OpenSea	0.047	0.049
cg25559625	18	chr6	12290322	EDN1;EDN1	NM_001955;NM_001168319	TSS1500	OpenSea	0.119	0.106
cg08291302	18	chr6	12290407	EDN1;EDN1	NM_001168319;NM_001955	TSS200	OpenSea	0.096	0.067
cg07714708	18	chr6	12290447	EDN1;EDN1	NM_001168319;NM_001955	TSS200	OpenSea	0.103	0.095
cg14244360	18	chr6	12290465	EDN1;EDN1	NM_001168319;NM_001955	TSS200	OpenSea	0.103	0.097
cg11585301	18	chr6	12290473	EDN1;EDN1	NM_001168319;NM_001955	TSS200	OpenSea	0.056	0.054
cg08751499	18	chr6	12290573	EDN1;EDN1;EDN1;EDN1	NM_001168319;NM_001168319;NM_001955;NM_001955	TSS200	OpenSea	0.080	0.062
cg20376899	18	chr6	12290779	EDN1;EDN1;EDN1;EDN1	NM_001168319;NM_001168319;NM_001955;NM_001955	5'UTR;1stExon	OpenSea	0.088	0.064
cg27565517	18	chr6	12292676	EDN1;EDN1	NM_001168319;NM_001955	Gene Body	OpenSea	0.049	0.053
cg11215644	18	chr6	12296435	EDN1;EDN1	NM_001955;NM_001168319	3'UTR	OpenSea	0.084	0.084