Supplemental Table 1_Oligonucleotide Primers

Primer Name	Type	Sequence Description	Forward Sequence	Reverse Sequence
PRDM13-DHS_1	S	chr6_100040343-100040606	GCATTCCCTAAAGCACTTGACC	GATAGCTACCCCTCCTCTGAATG
PRDM13-DHS_2	S	chr6_100040524-100040879	CTGATCATTTGAATCAAGGCAG	CAGCACTTGCACATTTGTGTC
PRDM13-DHS_3*	S	chr6_100040803-100041001	GAGAAGACTAGATCAGGCTTCTTC	CTCTCATTCTCTGATTTTTAC
PRDM13-DHS_5	S	chr6_100041063-100041470	CACTGGAAAAATTATGTGGAAATC	GAGTAATTAATGAAGTTGACAAGTTG
PRDM13_Duplication*	J	chr6_Junction Fragment	GATAAATCATATCTTAGACCGC	CTCATGCCTATAATCCCAGCAC
IRX1_Duplication*	J	chr5_Junction Fragment	GTTTTCACGAAAGTGCAAAGG	GGGGTGGAAGAGAAGAGAGG
PRDM13	R	Exon 3 to Exon 4	GGAGGAGCTGACAGTGTGGT	AAACGTCCTCCAGCAGTACCAG
IRX1	R	Exon 3 to Exon 4	CAGCAGTTAAAGTCGCCCTT	AAAAGTAAAAGAAGACCCTTAA
CCNC	R	Exon 8 to Exon 9	CTTGATAGTGTATCATCCTTATA	TCATTCACTATCCTCCATGCAAGG
PAX6	R	Exon 5 to Exon 7	CCGGCAGAAGATTGTAGAGC	GCCCGTTCAACATCCTTAGT
RHO	R	Exon 2 to Exon 5	GGGAGAACCATGCCATCAT	TCGTCTCCGTCTTGGACAC
S-Opsin	R	Exon 1 to Exon 2	CGCCAGCTGTGAACGGATACT	CCAATACCAATGGTCCAGGT

*Primers used to detect variants V1-V5

Oligo Type: S=sequencing amplification of genomic DNA, J=amplification spanning the 5' junction fragment, R=RT-PCR amplification from RNA