

EpiTYPER Bisulfite PCR Amplicon Primer Sequence and Coordinates

5' Forward Tag		AGGAAGAGAG	
3' Reverse T7 Tag		CAGTAATACGACTCACTATAGGGAGAAGGCT	
Imprinted gDMD	Sequence (5' to 3')		Genomic Coordinates (GRCm38)
<i>Dlk1.A</i>	FWD	ATAGTATTGGTTTGGTATATATGGATG	12:109527424-109527853
	REV	CCATAACATAAACATAAAAATCCACAA	
<i>Dlk1.B</i>	FWD	GATGTGTTGTGGATTTAGGTTGTAG	12:109528138-109528138
	REV	ATCCCCTATACTCAAACATTCTCC	
<i>Grb10</i>	FWD	AGGAGTTGTTTATTATTTGGATTATTGT	11:12025702-12026046
	REV	CTCTAAACTCCAAAACCCTTTTTCT	
<i>H19</i>	FWD	GTTGATGGTTTAGAATTTTATAAGTTAG	7:142581609-142581931
	REV	CACAATACCACTAAAAAACAAAACA	
<i>Igf2r</i>	FWD	GATAGGAGGATTTAGAGGGTTTTGT	17:12742752-12743024
	REV	AACCCCATATCTACAACCTCAAACA	
<i>Impact.A</i>	FWD	TTTGTATTAAGTAGGTTGTTTTAGGG	18:12972913-12973111
	REV	ACAACCAAACCTAAAATTAACCAAACAA	
<i>Impact.B</i>	FWD	TTGTTTGGTTAATTTTAGTTTGGTT	18:12973084-12973497
	REV	TCATATAACAATACAACAAAACCTACTC	
<i>Kcnq1</i>	FWD	TGGAGAGTTTTTTTGTTTAGTTTGG	7:150481809 -150481430
	REV	CAAACCACCCCTACTTCTATAAAC	
<i>Nespas.A</i>	FWD	TGGGGGTTTTTGTATTTTTTATTTTG	2:174295281-174295599
	REV	TAAATCTCAACCACTAACCCACTCC	
<i>Nespas.B</i>	FWD	TTTTTTTTAGGGTTTTGTAGGTTAGATTTG	2:174295985-174296393
	REV	CCCCTCCTCCTTCTATTATAAACACC	
<i>Mest</i>	FWD	ATATGTTGGGGAGGGATTTTTTTAG	6:30737763-30738178
	REV	CAACAAAACAACAACAACAACACTC	
<i>Peg3</i>	FWD	GATTTTGTGGGGTTTTTAATATTGAT	7:6683342 -6683054
	REV	CCACCAACCCAAAATAAACATCTCT	
<i>Plagl1</i>	FWD	TATTTTTGTGGGGATGGAGGAATTA	10:13090467-13090791
	REV	ATCCCAACCCAAACTAAATAACAAA	
<i>Peg10</i>	FWD	TTAGGATTTGGTTATTGAAGGTTTG	6:4697732 -4697319
	REV	CCCCTCCTAAAATCTCTCTATATAAAC	

EpiTYPER Bisulfite PCR Amplicon Primer Sequence and Coordinates

5' Forward Tag	AGGAAGAGAG	
3' Reverse T7 Tag	CAGTAATACGACTCACTATAGGGAGAAGGCT	
<u>Imprinted gDMD</u>	<u>Sequence (5' to 3')</u>	<u>Genomic Coordinates (GRCm38)</u>
<i>Snrpn</i>	FWD	TGTGATGTTTGTAATTATTTGGGAG
	REV	CTAAAATCCACAAACCCAACTAACC
<i>Nnat</i>	FWD	TTAGGTGGTAAGAGGGTATTTAAGG
	REV	AATACATACTCACCTACAACAACAC
<i>Nap115</i>	FWD	AGTTTGGAATTTTTTTGTTAAATTTGG
	REV	CAACTACAAAACCTCTCTAAACCAAC
<i>Commd1</i>	FWD	GGTAAGGTAGATAATTATTGTTTTAGTTGT
	REV	CATAAACCTACCCATACAATTACCC