

Supplementary Table 1.

Gene	Primer	Sequence
LINE	LINENew-F	5'TTTTGAGTTAGGTGTGGGATATA3'
	LINENew-R- Bio	5'AAAATCAAAAATCCCTTTC3'
Nor 1	LINENew-S	5'AGTTAGGTGTGGGATAGT3'
	Nor131F1	5'GAGTTGGATTGGTGAAGAGTT3'
	Nor131F2	5'GGGGTTAGGTAGTTAGTGG3'
	Nor131R	5'ACCAAACCCCTTCTAATT3'
	Nor131RU	5'GGGACACCGCTGATCGTTTACCAAACCCCTTCTAATT3'
Npm208	Nor131S	5'TTAGGTTGTTGGGGTAA3'
	Npm208R1	5'CCCCCACACAACCTTACTAT3'
	Npm208RU	5'GGGACACCGCTGATCGTTTACCCCCACACAACCTTACTAT3'
	Npm208F1	5'AGGAGGAAAGAATGGGAGAAGGG3'
P15	Npm208S	5'GTTAGAGGGGATGAGGT3'
	P15-314F	5'AGTTTAAGGGGGTGGGGAGA3'
	P15-314R	5'AAAACCTAAACTCAACTTCATTACCC3'
	P15-159F2	5'TTAGAGAGAGGAGGGGTAGTGAGGATT3'
	P15- 159R2Bio	5'TCCTTAACTCCCAACTTTTCTAAC3'
CDH13	P15-159S	5'TTAGGAGTTTTTTTTTAGAAGTA3'
	CDH13-186F	5'TTTGGGAAGTTGGTTGGTTG3'
	CDH13-186R	5'ACAACCCCTCTCCCTACCT3'
	CDH101F2	5'AGTTTGGTTTTTAAGGAAAATATGTTTAGT3'
	CDH101R2- bio	5'Biotin-AACCAAATTCTCCACTACATTTTATCC3'
PgrB	Pgr207F	5'TGTGGGTGGTATTTTTAATGAGA3'
	Pgr207R	5'CCCCTCACTAAAACCCCTAAA3'
	PGRBF3	5'GAGAATTAGTTTTATTTGTTATTTGAGTGA3'
PgrA	PgrBRbio	5'Biotin-CAACCCATTCCCAAAAAAATC3'
	Pgr205F	5'TGATTGAGTTGAAGGTAAAG3'
	PGR205R	5'AAATCCTATCCCTAACAAA3'
	PGRA-F2	5'ATTGAGTTGAAGGTAAAGGGTTT3'
	Biotin- Universal	5'- BiotinGGGACACCGCTGATCGTTTACRCTTCTACCRAATCAAACCTACTAA3'
Olig	PgrA-S8F	5'GGATTTTTATTGTTGTGT3'
	Olig209F	5'TTTTAAAGGTGAGGATGTTTATTAT3'
	Olig209R	5'AAAAATCCAAACCCCTATAT3'
	Olig209RU	5'GGGACACCGCTGATCGTTTAAAAATCCAAACCCCTATAT3'
	Biotin- Universa	5'- BiotinGGGACACCGCTGATCGTTTACRCTTCTACCRAATCAAACCTACTAA3'
	Olig209Sgat	5'GTGAGGATGTTTATTATAGAT3'