

Primer	Amplified Region	Sequence of the primer (5' → 3')
PR3	Promotor, Ex 1, Intron 1 (4200 bp)	TGCTCCCACCTTCAGTTACTTGTCTTTA
PR4		CTGCGGGTAGAGATTTGGATTAGTCCTG
LR3	Exon 3 to Exon 15 (5.500 bp)	AAGGGACCAGCCTTGGAGTATTTCCCCACTC
LR4		GTTCCATCTTCCCGCCAACTCCACACGC
PBGF3800	Exon 3 to Exon 6 (1600 bp)	GTCTACTCCATGTGGCAT
EP48		AGACCTAGCATACTAGGG
AD76	Exon 7 (240 bp)	CCCTAGGCTCCACCACTGAAG
EP77		AGGGTCAGGCCCCAAAGGGAAAGG
AD8	Exon 8 to Exon 9 (400 bp)	CGAGAGAGAATAGAGGTGATC
EP12		TTGTCTTTTTCTTGGCTG
AD10	Exon 10 to Exon13 (1600 bp)	TCAGGCAGAGGGAACCGCACGA
AD11		AGAAGGTTGTGAGACAAGCTTC
AD12.1	Exon 12 to Exon 15 (960 bp)	ATGCTTTGCGCCATTGGTTGG
EP15.2		GCACTGGACAGCAGCAAC

Primers used for amplifying the promoter, all exons and intron boundaries of the HMBS gene.

Region	Primer	Sequence of the primer (5' → 3')
Intron 2 to Intron 3	LR3	AAGGGACCAGCCTTGGAGTATTTCCCCACTC
	Pr4	CTGCGGGTAGAGATTTGGATTAGTCCTG
Exon 4 to 6	EP71	CCTAACCTGTGACAGTCT
	EP48	AGACCTAGCATACTAGGG
Exon 7	EP77	AGGGTCAGGCCCCAAAGGGAAAGG
	AD76	CCCTAGGCTCCACCACTGAAG
Exon 8 to 9	AD8	CGAGAGAGAATAGAGGTGATC
	EP12	TTGTCTTTTTTCCTTGGCTGC
Exon 10 to 11	AD10	TCAGGCAGAGGGAACCGCACGA
	AD11	AGAAGGTTGTGAGACAAGCTTC
Exon 12 to 15	AD12.1	ATGCTTTGCGCCATTGGTTGG
	EP15.2	GCACTGGACAGCAGCAAC

Primers used for sequencing the promoter region, all exons and exon/intron boundaries