

## Online Supplementary Table 2

	Exon size	Forward Primer Name	Forward Primer	Reverse Primer Name	Reverse Primer	PCR: Temp,	PCR product size
PBEF1prom1	-	PBEF1prom1F	gctggtgataccttccact	PBEF1prom1R	tgctgagctctttgatcct	60°C	750
PBEF1prom2	-	PBEF1prom2F	ctttccttcccgcaatac	PBEF1prom2R	gcgctcttctcccagac	60°C	650
PBEF1prom3	-	PBEF1prom3F	gccgggaactcgaacttag	PBEF1prom3R	tgcgaggaaggagaaaaatg	60°C	450
PBEF1exon1	84	PBEF1exon1F	cgccagagctccagact	PBEF1exon1R	ccccgctctctcatct	60°C	356
PBEF1exon2	157	PBEF1exon2F	ttatttggtatagccagaaaagaa	PBEF1exon2R	tttctcactactagaacatcaaacac	60°C	500
PBEF1exon3	103	PBEF1exon3F	tcatttttaaaagcttgcaagt	PBEF1exon3R(3)	ttcctttgcaagaagtttgaac	58.3°C	650
PBEF1exon4	129	PBEF1exon4F	aacgtaaagaaccttagtaaacacgc	PBEF1exon4R	atgaggaaattgaagcctgga	60°C	400
PBEF1exon5	159	PBEF1exon5F	gattttctcagaaagaatgcag	PBEF1exon5R	ggctatccatctgtccatcc	60°C	550
PBEF1exon6	137	PBEF1exon6F	ttaaatgtggttggtgcat	PBEF1exon6R	catggataaaattctctgcctctcaatccataagtcttggtatccttc	60°C	450
PBEF1exon7	226	PBEF1exon7F	tggtgaccagctacttcat	PBEF1exon7R	c	60°C	650
PBEF1exon8	121	PBEF1exon8F	gaaaaactgttttgagccacttt	PBEF1exon8R	aactcagacctatgccagcag	60°C	750
PBEF1exon9	141	PBEF1exon9F	tcttgatgcttcattcatca	PBEF1exon9R	ttgttctccttttccaaatctc	60°C	500
PBEF1exon10	135	PBEF1exon10F	agccagatgtggattggctc	PBEF1exon10R	gccccgtgttatgacgtaggactgttaaatcactgaaacttc	60°C	500
PBEF1exon11	111	PBEF1exon11F	ttgaacaccattggcatctc	PBEF1exon11R	aaa	60°C	650
PBEF1exon11b	-	PBEF1exon11bF	tttgcaataggtagtcattcaa	PBEF1exon11bR	tcactaccactccagtaattca	60°C	750
PBEF1prom1+3	-	PBEF1prom1-3F	cacttcttattttggggttgc	PBEF1prom1-3R	gcagtctgggagctctgg	60°C	850