

1 Additional file1: Table S1. Primers used to identify SNPs in the *FASN* gene

Serial no	Primer name	Primer sequences	Product size	Annealing temperature
1	Exon-1	L-TCTTTGTTGCAGGGCTTTCT R-TAGCCCAGAGCCTTCTGGTA	499 bp	59 °C
2	Exon-2	L-AAGCTGGTTTACTCCCTCA R-CATATTGTGTGCCTGCTTGG	471 bp	59 °C
3	Exon-3	L-GGAGAATCCCATGGACAGAA R-CTGGAAGGGTCTCAGCTGTC	454 bp	59 °C
4	Exon-4	L-GCCCTTTTGTCTGACTCG R-TGATGCATCGAAAACTTGC	423 bp	60 °C
5	Exon-5	L-TTCGATGCATCAGGTGAGAG R-CAACGTACTCCAGGGTCTCC	427 bp	58 °C
6	Exon-6/7	L-GATGGCTGCAAAGAGAAAGG R-AATGTCTGGCCCTGTGAAAC	615 bp	59 °C
7	Exon-8	L-GCTTTGGGGGAGAATGAAAT R-CGGAGCAGATGAACCAGAGT	615 bp	60 °C
8	Exon-9/10	L-CGCCACTCTGGTTCATC R-AGCGCCAACACAGAAAGG	696 bp**	58 °C
9	Exon-11/12	L-CCTTTGAGGCTCTCTTCTGC R-CACCAGGTTGTTACGTTGT	615 bp**	54 °C
10	Exon-13	L-CATGGCGTTCCACTCCTACT R-TGTCCCTGTGGTCCTTCTTC	545 bp	57 °C
11	Exon-14	L-GCCGAGTACAACGTGAACAA R-AACTCCACAGGTGGGAACAG	616 bp	58 °C
12	Exon-15/16	L-AAGCAGACCTCTGGGTGCT R-CATAGCTTGAGCCACCTTCC	630 bp	60 °C
13	Exon-17/18	L-GAAGGTGGCTCAAGCTATGG R-GCCAGGCTAGGTCTCTTCCT	595 bp**	56 °C
14	Exon-19	L-GGTCCCCTTTGTGTTTTGG R-TTATTACCACGTCGGCCACT	422 bp	58 °C
15	Exon-20	L-GTACACGCTGCAGGACAAGA R-GGTAGACCCACACGTAGGA	406 bp	60 °C
16	Exon-21	L-CTGAGGCTCTTCCCTGACAT R-CCGATTCTGCAGAGGTCATT	560 bp**	60 °C
17	Exon-22	L-AAGCCTATTCCATCCCAGGT R-CTGTGAGTTGAGGGGGTCAG	495 bp	60 °C
18	Exon-23/24	L-CTGACCCCTCAACTCACAG R-CCCCATCACGGTAGACATTC	627 bp	56 °C
19	Exon-25	L-GTGGGCTTGGTGAAGTGTCT R-TAGGGGGTGACAGAAAGTGG	434 bp	59 °C
20	Exon-26/27	L-CTTCCCCTGGAACAAGGTG	502 bp**	59 °C

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		R-CCTGACCTCACTGGGAGGAG		
21	Exon-28/29	L-ACCCAACAGTGCTCAGGAAC R-TGCTGCTCAAAGGATGTGTC	674 bp**	57 °C
22	Exon-30	L-GCCGTGTTTTCCCACTTGT R-GGTCCCCATAGTGAAGGTCA	405 bp	54 °C
23	Exon-31/32	L-CGGGCTGTGACCTTCACTAT R-CCTGCTCTTCCTCACGTACC	624 bp	58 °C
24	Exon-33/34	L-GGCAAAGTGGTCATTCAGGT R-GCCTTTGGAGGGCTTCTTAG	654 bp	59 °C
25	Exon-35	L-GTGGTGAGGACGGCTTTAGA R-GGTCACCCTGTGGGTTCTTA	411 bp	59 °C
26	Exon-36/37	L-CTTGCACTGGTGTCCAGAGA R-AGACCAGACTCGGAAGACGA	696 bp**	58 °C
27	Exon-38	L-GGTACAATACCCACCCAGGA R-CCTGCCACAAACACACAGAC	436 bp	59 °C
28	Exon-39	F-AGAGCTGACGGACTCCACAC R-CTGCATGAAGAAGCACATGG	697 bp**	59 °C
29	Exon-40/41	L-ACCTGCAGACAAGGGCTAAA R-CAGCTTGTGGTAGAAGGAACG	653 bp	59 °C
30	Exon-42	F-CTCGCACACCTTCGTGATG R-CACGTTGCCGTGGTAGGTAG	472 bp**	60 °C

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2 Note: \*\*SNPs are detected.

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