

Appendix 1. *FBN1* primers and conditions for PCR.

Exon	primer (5'-3')	Product length (bp)	Annealing temperature (°C)
FBN1-2F	GCAAGAGGCGGGAG		
FBN1-2R	TCAAACCTGGGAGACCCAC	246	58
FBN1-3F	TCTGCCAGGATTCATCTTGC		
FBN1-3R	CAACACAACAAAAGAAGGAC	248	58
FBN1-4F	TCGTGTTCCAAATCCATGTG		
FBN1-4R	TGGGTATAACCACATAAAAATAAT	196	58
FBN1-5F	AACTCCTGTGAGCTGTTGC		
FBN1-5R	GCTGTGTCCCAGGTAATCG	271	58
FBN1-6F	AAAGCGTCTCAGCTCTCTCC		
FBN1-6R	CCCTCAAAGCTCAGCAACAT	242	58
FBN1-7F	TCTGCATGATGGTTCCTGC		
FBN1-7R	CCAGAGCAAATAAGATTAATCC	307	58
FBN1-8F	TCTGCAATGAATTCATATGAG		
FBN1-8R	ACTACACCCCCCAACTGC	222	58
FBN1-9F	ACTGACGAATGGTTTTATATTG		
FBN1-9R	TACACAAACCATGCATGCTG	224	58
FBN1-10F	GTTACAAGTATTATCTCAGCG		
FBN1-10R	GCTGGGATGGGATATTCTG	256	58
FBN1-11F	CAGCTGTTGTGTTTTGTTTTG		
FBN1-11R	ATGTTAACTTGAACAATGCAAG	268	58
FBN1-12F	ACTGATGAAAGATACCATAGTT		
FBN1-12R	AGGAACAGAATTACAACAGAC	249	58
FBN1-13F	AGAATATGAGGTATTGCTATG		
FBN1-13R	CAGTTAGCATATATGTCCCAC	223	58
FBN1-14F	TCCCCCAAATAAAGCTATTTC		
FBN1-14R	TGAAACTGCAATGGAAGGAG	218	56
FBN1-15F	TCAGGTCATAAGAAAATGTATG		
FBN1-15R	GGAGGAGAAAAGGCACGTG	210	58
FBN1-16F	TGTCACTTCATTTTAAATAAGTG		
FBN1-16R	GTGACAGAGGCTGAACCTC	212	58
FBN1-17F	CTCATCTGTTTGAAGTGACAG		
FBN1-17R	GGTGGCAGAAGGCTGGC	251	58
FBN1-18F	GATCTACCTGTTCTGCAAAC		
FBN1-18R	GTAAATTTTGAAAGGAATCCTTA	133	58
FBN1-19F	TCAGAATATCTTACAGTGAG		
FBN1-19R	TCTAAGCTACTCAAAGGCAG	391	58
FBN1-20F	AAAGTTTGGGCCCTTTTTAAG		
FBN1-20R	ATAGCAAAGTACACAGTATAAG	211	58
FBN1-21F	CCCAGACTAGATTTTAGCAG		
FBN1-21R	TTAAGTATAACAACATTGATAAAC	220	58
FBN1-22F	GTGTATGTTTGAATTTTATATAG		
FBN1-22R	CTCATGTGAGCCTAGATAAATG	288	58

FBN1-23F	CTACTTCATGTTCCAGGTC		
FBN1-23R	CTGTTCCGTTTTGTAGTTCTC	311	58
FBN1-24F	GTTTTATGAACTTACCAGGTTTC		
FBN1-24R	ACCGAAGCTAAGTGCTCAG	332	58
FBN1-25F	CAGCAAATTATTATGTGTGCAG		
FBN1-25R	ATCAAGTAGAGTGCTGAGATC	418	58
FBN1-26F	CAAGAACTTCCAACCTTCATG		
FBN1-26R	TTAAAGGACGTCCCCTCTC	271	58
FBN1-27F	AATTAAGGCTGTCCTGAGAC		
FBN1-27R	CATGGAATCCTTCTCTTCTG	227	58
FBN1-28F	GGCCCCACCTTTAACATG		
FBN1-28R	GAAAGTCTTCTCCTTAC	181	54
FBN1-29F	TGCCAAAGTTGGAAGCTTATG		
FBN1-29R	TAACATAACATAACATAAAATAAAG	245	58
FBN1-30F	CAGACATCCAAACCATATCAG		
FBN1-30R	GAACCTACTGAGAGATTCAAC	214	58
FBN1-31F	AATAGTCTTATGCTAGTAGGC		
FBN1-31R	ACAGTGCTTATGACTAACAAG	292	58
FBN1-32F	GTACTIONAATGATATCAAATAGC		
FBN1-32R	ACCAATCTCTTAACTACTTAATA	230	58
FBN1-33F	CCAAAAGACATTTGTGCTGAG		
FBN1-33R	GTGTAATCTATGCAGTCCTTG	226	58
FBN1-34F	GGTTTTAAATACCACCCTTTC		
FBN1-34R	CTGGCTTCTCTGACTAGTG	224	58
FBN1-35F	CGAGGAAGAGTAACGTGTG		
FBN1-35R	TCAAGCCCAGCAAGGCTC	203	58
FBN1-36F	GCCTAATTATATTTGGCAGTTTTT		
FBN1-36R	ACACCAGGGAGCTGATTTTTG	237	58
FBN1-37F	GAGATAACTCCACTACTCAC		
FBN1-37R	AATACACAGTATGCTTGCTTC	201	58
FBN1-38F	GTAGAAAGATTCTGCCTGATG		
FBN1-38R	GAACTGGCTGGAGTTGAAAT	260	58
FBN1-39F	AAACTTTAGATTCAAACAACCTC		
FBN1-39R	TCAAGTTGTGTGTGCTTTAAG	155	58
FBN1-40F	ATTTACAATGCTAAAGGAATGC		
FBN1-40R	TCAGTTCTTGATATCTGCAAG	217	56
FBN1-41F	AAATGTGAAGTTTTTCATATTCAC		
FBN1-41R	CATGCATTACTGAGAAAAGCT	201	58
FBN1-42F	GCTTGTGAGTATCCACTTAG		
FBN1-42R	GCTTCCTTCGCTAAGACTG	332	58
FBN1-43F	TATCCTCCCATCCCACCT		
FBN1-43R	AACCAGAAAGTTCTGACAATG	142	58
FBN1-44F	TGTCCTGTCACTCATGAATG		
FBN1-44R	CTCTTTTCTGGATATGATAAAG	200	58
FBN1-45F	CTGTTCTCCTTCAAATTCAGT		
FBN1-45R	GTAGGCATGTCCAGCCTG	193	58
FBN1-46F	GAGCTAGGATTACTCCTGAG		

FBN1-46R	CTGCTGCATATCTGTCTGTG	362	60
FBN1-47F	AAGTTCTCAGCCTATGGATG		
FBN1-47R	TGGTTCAGTAGAGATGATGC	317	58
FBN1-48F	GACATCTTTGGAATATATTAAG		
FBN1-48R	CCAGGTCTTTCTAAGTCCTG	202	56
FBN1-49F	GATGGAAGTCATGCCAGTG		
FBN1-49R	GGACACCCGACACTCCTC	219	58
FBN1-50F	TGATGTCTCCATCGTGTTTTG		
FBN1-50R	AGACCACCACAAATAAACATG	233	56
FBN1-51F	ACGGACTCAGTAGGAAAGC		
FBN1-51R	CAGTCTGCACCCTGCATG	249	58
FBN1-52F	AGCTTGTAATGAATTGCTATTG		
FBN1-52R	AAGCAGATTGAGAATACTGAG	171	58
FBN1-53F	TTGTCCCTTCATTTAGATAGC		
FBN1-53R	CCTGATGGTGACTCACTAG	415	58
FBN1-54F	CTCAATTCATCATGTTTTGGAC		
FBN1-54R	CCATCAGGCCTAGATGATC	287	58
FBN1-55F	CTTTGTTGCTGTCCATGATC		
FBN1-55R	CTCACAGATAAAGCTTCCTG	222	58
FBN1-56F	GCAGATATATGCATTTTCTTTG		
FBN1-56R	GTCCACTGTCCTTCTGATG	236	58
FBN1-57F	TGGTCAGATGACTCTTCTTG		
FBN1-57R	GTGTGGAGGCTGAGGTTAG	219	58
FBN1-58F	CTGACATCCCCTTTGCCATA		
FBN1-58R	TCCCTGCAAGTATTTTTGGAC	277	56
FBN1-59F	CACTGAAGTGACCCCCTAC		
FBN1-59R	AATTTCCACTTGAGGATAAGC	243	58
FBN1-60F	GCGTGTACACATCATTTTTAG		
FBN1-60R	ATGTGTCAGGAGCTAGGTG	222	58
FBN1-61F	ATCCTGTTTTGTTGGCTTGAC		
FBN1-61R	GAATCGCTACAATCCATGTAG	210	58
FBN1-62F	GTATGTGTGAGCACACCTG		
FBN1-62R	CTCCACAAGGATTCACCAG	323	58
FBN1-63F	AGAGATGTTGAGTTGGCATC		
FBN1-63R	TAGGACCTGATAGCCATGC	211	58
FBN1-64F	CAAGTGGCCAGATCCAATG		
FBN1-64R	GGTTCTCCTCTGCTAGGAC	407	58
FBN1-65F	CCTACCTTGTCTTCCCATTC		
FBN1-65R	AGTTTCTCCCTGGGGAGC	344	58
FBN1-66F	GAGCTAAGTGGCATATGTAC		
FBN1-66R	TGTACCTATGATATGATGATTC	539	58