

GENE	PRIMER NAME	PRIMER SEQUENCE	T annealing	SIZE (bp)
RP1	2aF	CGCTATGGTGCTGTGATTCTGG	58°C	378
	2aR	GGGAACATAGGTAGGACTCG		
	2b/cF	TACAAGAGCGGAGACCCCAATT	68°C	576
	2b/cR	GCCACCATTATATCCCACACG		
	3F	TGTTGATTTGATTCAAGCAA	51°C	297
	3R	AGGGCTAAAAATATGGGC		
	4aF	TTTCTAACTTCTCTGCCTTC	54°C	310
	4aR	CCTCTTTTATTCTGAATCGAAC		
	4b/cF	CAAGACGGCACTATGACAGTTGA	56°C	388
	4b/cR	TTCTTAGTCCAGGTGTAGGG		
	4dF	TGGGAGAATGCTACTGTGGACAC	62°C	205
	4dR	TCCCCACTTTCCCTTTCTTCAC		
	4eF	AATCTGTGATTGGCAGTGTGACC	60°C	630
	4eR	TGCTGGCAACAGATGACAAA		
	4fF	TGCTCAGTGTGGTTTAACAAAAC	56°C	320
	4fR	CTATGGAAATTCTTGGAAATCG		
	4gF	GGAAGACCTCCAGAAAAGTGATA	62°C	366
	4gR	CATTCCTCTCAAATACCCAGATG		
	4hF	CCAAAGATTTTTATGCACCG	55°C	351
	4hR	CAATTTACCACACTCGTTTCATTT		
	4iF	GCAGAACATAAATCCATATCCAAC	62°C	399
	4iR	GTAACAAGTTTTTCTCTGGTCC		
	4jF	TGCATGAACACTGTACTTTGTAC	58°C	364
	4jR	ACTTCCCTTTAGGTTTAGCACC		
	4kF	TGTAATTCATCCACTAATCTCCTT	54°C	385
	4kR	AGACTTCAGGGCACATGC		
	4l/mF	GAAAGAACACAAGGAATCTCCTC	62°C	666
	4l/mR	CTGGTTCTTCAGAAGTCCGTG		
	4nF	ATTGTTCACTAAGGAAGTTTCAGG	63°C	362
	4nR	CATAGCAAAAATCTAAAGATGGTGG		
	4oF	TGAAATAATCAGTAAGAGGCTGG	56°C	394
	4oR	AACCTGAGATTTGCGGGTAG		
	4pF	CGGTAAAGCAGATATTATCAAACC	52°C	368
	4pR	CGGTAAAGCAGATATTATCAAACC		
	4qF	ATTGACAAAGGCAAATGGC	55°C	384
4qR	GAGTGACAGATGTGCATACTTTTC			
4rF	AGAATAGCAAATCATCATAACAGAG	62°C	385	
4rR	GCTTTATTGTTCTTCCCTGAAC			
4sF	CACCCATATTTACTTCAGACAG	55°C	308	
4sR	TGAGATTTGTTCTTGAGCCC			
4tF	TGGGTAATGTGGATTCAAATACAC	62°C	371	
4tR	GAATTGACAAAGAATGAGTGTGC			
RHO	1aF	AGCTCAGGCCTTCGCAGCAT	62°C	279
	1aR	AGAGGCGTGCGCAGCTTCTT		
	1bF	CTCTACGTCACCGTCCAGCA	60°C	320
	1bR	GAGGGCTTTGGATAACATTG		
	2F	GAGTGCACCCTCCTTAGGCA	62°C	290
	2R	TCCTGACTGGAGGACCCTAC		
	3F	CTGTTCCCAAGTCCCTCACA	62°C	260
	3R	CTGGACCCTCAGAGCCGTCA		
	4F	TCTGGACCCGGGTCCCGTGT	60°C	342
	4R	CCTGGGAGTAGCTTGTCTT		
	5F	ACTCAAGCCTCTTGCCTTCC	65°C	155
	5R	GCCACAGAGTCCTAGGCAGG		
	RDS	1aF	GAAGCAACCCGGACTACACTT	62°C
1aR		AGATAGCCAGGTACGGCTTCA		
1cF		GCCAAGTATGCCAGATGGAAG	62°C	371
1cR		ATAGCTCTGACCCAGGACTG		
2F		AAGCCCATCTCCAGCTGTCTG	64°C	314

	2R	CTTACCCTCTACCCCAGCTG		
	3F	AGATTGCCTCTAAATCTCCTC	60°C	308
	3R	GATCCACGTTTCTTGGAGTGC		
IMPDH1	1F	GCGTCAGCAGTAGCAGCA	62°C	361
	1R	TGCCACGTCCGTCTGCTC		
	2F	ACCCCAGTAGACCTTTCGC	62°C	364
	2R	ATGCCCTGCCCTGAGCAAG		
	3F	CTTGTTGCCAGTGGTCG	54°C	662
	3R	GCAGGGAGTGTAGCAGTGC		
	4F	TCTCAGTGGAGCCTTGGG	54°C	712
	4R	CAGTCTGGTTGCTGGGATAAC		
	5F	CAGTGGAATCTCTGGAGTGGTC	56°C	378
	5R	CCTGGGTCCTCATAAACCTC		
	6F	TTCATCCACTCAGGCTCTCC	56°C	560
	6R	TGGGGAACAAAGGCGAGG		
	7F	ACACTCATCCTGGTGGTATTTG	56°C	643
	7R	CATCTGGGGAAGTCGGTG		
	8F	TTCTGGAAACTGAGGCACAG	56°C	696
	8R	GGGACTAAAGGACAAGGAACAG		
	9F	GGGAAAGGGTTTTGGGAAG	56°C	335
	9R	TGGCTGGCTGGGCTCGGAG		
PRPF31	2/3F	TCATCGCTCAGTAATAAGGA	55°C	480
	2/3R	GGCAGGAGAGACAGGAGATG		
	4F	TCATCCTCCGCCTCCTCCAG	60°C	239
	4R	GCCAGTGGGGAAGGGAGAGG		
	5F	TTAGGGCCAACCAGCAGAGT	57°C	234
	5R	GAGGGGGTCCGAGAGTGAGC		
	6F	TCCCAGTGTCCCTAAGAAGA	57°C	266
	6R	TCCAGCCTAATCCCCAATCC		
	7F	ACACCAGGCAGGCGGGAGAT	60°C	313
	7R	CCAAAGCCCCATTCTACAG		
	8F	CCCAGGCAGATTTACTCACC	60°C	320
	8R	AGATGGTGGGTGGCTGCTCA		
	9F	CGCGGTTGCTTTGCTGTTAC	60°C	215
	9R	ACCCCAGGCCAGAGGAAAA		
	10/11F	TAAGGCACGTGGATACTCGG	62°C	449
	10/11R	GTGGCGGCTGGCTGGCTGTG		
	12/13F	AGGGCCTGGTCGCTGAACTG	63°C	430
	12/13R	TCACAGGGGCAGAGGGCAAG		
	14F	AGTTGGGGCCTTCTCCTCAC	58°C	285
	14R	AGTGGCAGGGCAGGTTCTCC		
NRL	1F	CTCAGAGAGCTGGCCCTTTA	63°C	230
	1R	AGAGGGGGTTCTAGGTGAGC		
	2F	CCATGTGCTCCAGACCTCTC	62°C	506
	2R	CTCTCTTGGGCAGTCCTCCT		
	3aF	GGGGATCCCAGAGACGAG	58°C	352
	3aR	TTAGCTCCCGCACAGACATC		
	3bF	GCTGACCCGGTTTCTGCATT	58°C	445
	3bR	AAGGCGCTCTGGTAACGAT		
FSCN2	1aF	GGCCAGCCTGAAGATGCC	60°C	232
	1aR	CTCTTCTGCCGACAGGTAGC		
	1bF	TCCGCAGCAGCCACCT	58°C	170
	1bR	TCGGTGCCTCCGAAGA		
	1cF	TCTTCGGAGGCACCGA	59°C	242
	1cR	AGGACTTGAGGCAGTACCGT		
	1dF	GCAGACGGAGACAAGCC	58°C	372
	1dR	TCAGGAGGTCGCCACCT		
	2F	ACAGGTGGCACCTCCTGAG	60°C	227

	2R	GGCCAGGAACCCTTGCCTCT		
	3F	GATTGCCGTAGCAGCTCAGT	60°C	404
	3R	TCCAGCTCTTGGTGGAGATG		
	4aF	CACATGAGGCAATGGCA	60°C	263
	4aR	CAGGTGGAAGACGTCGTAGA		
	4bF	AACCAGCTGGACACCAA	58°C	246
	4bR	ACTCGAAGACGAAGTCCTCG		
	5F	TACCGGATCCGAGGTGCG	60°C	405
	5R	CCTCCACCTCCAGCTGCAG		
RP9	1F	GTTGCCCGAGCGGCGCT	61°C	273
	1R	TGGCCGCGCGGGACGGCA		
	2F	AAATCTCTGATTAATAATCCTATA	61°C	240
	2R	AAAAGGAGATTTAACATCATGCAA		
	3F	CAGGAAAAAGCCAGGCAAG	63°C	330
	3R	GAGGGCTGTGATGAGAACAAG		
	4F	TGCTGATTCTTTATCTTGAGTAGG	62°C	240
	4R	TGGTGACTTTCTGCTTCACTG		
	5F	GGTTTTCATAACATAGGCATTTCA	61°C	251
	5R	TGTTTACTGCACCATTCTCT		
	6F	CATCCTATACTGCTTTTGAATGAC	61°C	358
	6R	TGCATCTTCTCTGTTCTTG		
HPRP3	1F	TGCACCCAGCCCCTTTAGT	54°C	351
	1R	TTTTAGATGTTCCCAACAGA		
	2F	TTCCAGTGTTGGTACCTGTT	52°C	295
	2R	TCAACGTGTGAAGTGGTAAG		
	3F	CTAGGATAATTCTTCCTTC	53°C	292
	3R	ACAATAAATACAGACCCATG		
	4F	AGACCTGAGAGCCTTGTGGG	53°C	262
	4R	CACCTCTTAGTCTCTCAT		
	5F	ATGAGAGACTAGAAGAGGTG	60°C	473
	5R	GGCACTGCGCCCAGCCAGAT		
	6F	CAGGCTTGAGCCACCACGCC	54°C	493
	6R	ATCTAATTCCTAGAACACA		
	7F	CCTGGGCAAGAAGAACGAAA	54°C	381
	7R	CACTAAAACCATAGCTTTAC		
	8F	TGTATTTCTGAGACTCCTCT	53°C	255
	8R	CATAGATACAGAACATGTTT		
	9F	CACTCCAACCTGGGTGACAG	54°C	331
	9R	CAGAGATGTTAAAGTTCCTC		
	10F	GGAAGTGAGTTTAGAGCAGAG	60°C	329
	10R	AGAGCAACGGAGAAGTCTCC		
	11F	GGAGAGTTCTCCGTTGCTCT	56°C	301
	11R	TAGGTATGCTTTTAGGCCAC		
	12F	GATTCATCTTTTACTTGCC	54°C	284
	12R	CTCCTTTCTCCCCACAATGC		
	13F	CTTCAACTACCACATTAATG	52°C	285
	13R	AGTGTTATCAAGAGTGTAC		
	14F	GTGATAATATTTAGAGAGT	53°C	252
	14R	CTGATTACATCTTACATTCC		
	15F	GGGCACATGTCTCACAATG	54°C	550
	15R	ACAGCAATTGCTAAAAGTCC		
CRX	1F	CTGCACGTCACCCCATGGTGAGT	64°C	258
	1R	CAGAGGTCTCCAAGAGATGAGGCC		
	2F	GGATGGAATTCTTGGTCATCCCA	64°C	313
	2R	CTCTTTGTTCCGGGCAGGCCTC		
	3aF	CCAGCACCTCTCACCATAAGTG	64°C	439
	3aR	GGCGTAGGTCATGGCATAGG		
	3bF	CCTCCACAGATGTGTGTCCAGAC	62°C	300
	3bR	TGGGAGAAAGGTAGGGGTCTAGG		

	3cF	GCCTCCGCTTTCTGCTCTTC	62°C	348
	3cR	GCCCGATGGAGAGAGATGGAGACTG		
CA4	1F	GGGACAGGGGAAGGTGGAG	58°C	538
	1R	CCTTATCAGGGACTCCCAAC		
PRPF8	42F	GATAGCAGTAGGGATAAGGTGAG	65°C	340
	42R	GCTGAAGCAGGAGGCAGGGAAAC		