

Supplementary Data Table. Primers used for sequencing of MRL mouse mitochondrial DNA

ID	Start	End	Size	Forward Primer	Reverse Primer
1.	1050	2340	1291	TCTGGCCTACACCCAGAAGATTTCA	CTGGGTCAATAAGATATGTTGATTTTACTTTGACT
2.	2248	3507	1260	GGTTGGGGTGACCTCGGAGAAT	CTGGTAAATTGATATAGTATAGGGGTCCTAGGAAGA
3.	3407	4700	1294	ATTCGCGTTATTCTTTATAGCAGAGTACACTAACA	TTGGTAAGAATCCTGTTAGTGGTGGAAG
4.	4661	5988	1328	TCCCTAGGAGGCCTTCCACCAC	CAAAGAAAGTTGTGTTTAGGTTGCGGTCT
5.	5828	6299	472	TATTATCAACATGAAACCCCCAGCCATA	AAGTCAGCTAAATACTTTGACACCCGGTAGG
6.	6123	6700	578	GAACCTTTCGGCTATATAGGAATAGTATGAGCAAT	GATCCTATAGAAGAGACAGTGTTCATGTGGTG
7.	6550	7250	701	CATGAGCAAAAGCCACTTCG	AGGGGAGAGCAATTATGATAAGGATTACAGC
8.	7168	8461	1294	TACAAGCACAATAGATGCACAAGAAGTTGA	GAGTAGCTCCTCCGATTAGGTGATTAATAAGTGT
9.	8465	9223	759	TATTAATAAATATTAGCCCACCAACAGCTACCATT	AGTCCATGGAATCCAGTAGCCATGA
10.	9220	10508	1295	GACTCCATGTAATTATTGGATCAACATTCCT*	AATTAGTTCAGTTGCTGAAAAGGTTATGATTAGG*
11.	10194	11503	1310	CTACCACTAACCTGACTATCAAGCCCTAAAA*	GTTAGAAGAATAAGTGGAATTATGTGAAGGGCTAT*
12.	11399	12666	1268	CACCCAACGCGGCAAACTAAC	CTAGTTGGCTTGATGTAGAGAAGGCAATG
13.	12487	13822	1336	CAATAGTAGTTGCAGGAATTTTCTACTGGTC	TTGGGGATCTAACTGATTAATTTTGGGTTT
14.	13701	14975	1269	CTCCAAACCATCAAGATTAATTACTCCAA	TGCAAATAGGAAATATCATTGCGGGTTAAT
15.	14915	16280	1364	TAATCCACTAAACACCCACCCCATATT	GCGTAATAGAGTATGATTAGAGTTTGGTTACCG
16.	16159	1121	1257	TCAAACCTATGTCTGATCAATTCTAGTAGTTC	TTTGTGTAGGGCTAGGGCTAGGATTAGTT
17.	4170	4926	757	TTCAACAACAAACAAACGGT	GGTAGGGTTATTGTGCTTATGA
18.	8299	9591	1293	CTTGCCCACTTCTTCCACA	TTGTAGGGTCGAATCCGCAT
19.	14508	15370	863	GCAGTCATAGCCACAGCATT	GCTCCTTCTTCTGATGTCTTG
20.	4981	6047	1067	TCAAAGCCCTAAGAAAACACA	GTGCCCAAAGAATCAGAACA
21.	13164	13653	490	ACCAGCATTCCAGTCCTCAC	GGGGTAGCGGCAATATATAGTT
22.	908	1347	440	GCCCGTCACCCTCTCAAAT	GCTCGTTTGGTTTCGGGGTT
23.	4981	5402	422	TCAAAGCCCTAAGAAAACACA	TCAGGCTCCGAATAGTAGATAGA
24.	16000	36	336	AATCATTAGTCCGCAAAACC	TTTCAGTGCTTTGCTTTGTT
25.	2872	3466	595	GTCCATACGGCATTTTACAAC	GTTGTTAGGGCGTTTATTAGAA
26.	3567	3939	373	ATCCGAGCATCTTATCCACG	ATGATGGCAAGGGTGATAGG
27.	9665	10035	371	TGCTCTTACTTCCACTACCA	GGAGTTGGAGTTTAGGGAAGT
28.	4778	5332	555	AACCTATTCTTTATACTCGCC	AACATAGGTAATAATGGCTGA
29.	1900	2371	472	ATAAAAGGAACTCGGCAAAAC	AGGGTAACTTGGTCCGTTGA
30.	10800	11238	439	GTTACCTATGACTACCAAA	ATGTGGCTATAAGTGGGAAG
31.	11720	12365	646	GGTGCAAAATCAAATAAAAG	GTCGTTGTTGTTGAGAATA

*The pair of primers 10 forward and 11 reverse were used for PCR amplification of 2290 bp mtDNA fragment free from nuclear pseudogene contamination.