

Table S7. List of the 47 ABC transporter genes, their accession numbers, and the primers used for real-time RT-PCR amplification of them. The sequences are shown from 5' to 3' end.

# ABC	RefSeq #	Position of primer on refseq	Forward Oligo Sequence	Reverse Oligo Sequence
ABCA1	NM_005502	953-1157	GCACTGAGGAAGATGCTGAAA	AGTTCCTGGAAGGTCTTGTTAC ^a
ABCA2	NM_001606	238-684	CATCCCCCTGGTGTGTTCTT	GCTTGGGCCGTGCTATTGG
ABCA3	NM_001089	437-939	GCCCTCTTACTCAGTTTTCA	GACGAGCAGTTGTCGTACCTAAT ^b
ABCA4	NM_000350	1361-1765	TGGTCAAAGCCTGGGAAGAAGTA	TCCAGGGATACATGTCAGGGAAT ^b
ABCA5	NM_018672	429-684	GGGCCAATGGTAGGAGGTAGAG	TGAGGAATGGGCAAGGGAGGT
ABCA6	NM_080284	4314-4630	CCGTCAAGGGGCTCAGGAA	GATGGCCACACGGTCACAC
ABCA7	NM_019112	1491-2028	CCCGGCCACGTGCGCATCAAAT	CCACCGCGAAGGCTGCCAAGAACA
ABCA8	NM_007168	2099-2254	AGTGCGCGGGCTCTTCTTGT	GTTTTCTTCGCTTTTGGCTGATA
ABCA9	NM_080283	581-1177	CCCCATGATGAAAGAGCACAGAG	AGGATCCCCAAAAGACAATAAGG
ABCA10	NM_080282	3455-3630	ATGGCTCAGATGATCCCTCCTACA	CTCCGTTTGAATAAGCTCCGTGAA
ABCA12	XM_049831	3740-4021	TCTCGCCGAAGTATATGGGATGTT	GGCTTCGGGGAGATGTGATTG
ABCB1	NM_000927	4313-4620	TGACATTTATTCAAAGTTAAAAGCA	TAGACACTTTATGCAAACATTTCAA
ABCB2	NM_000593	613-1111	AGGGCTGGCTGGCTGCTTTGA	ACGTGGCCCATGGTGTGTTAT
ABCB3	NM_000544	849-1141	ACGGCTGAGCTCGGATACCAC	CCTCGGCCCAAACACTGC
ABCB4	NM_018850	3638-3933	ACCGACTGTCTACGGTCCGAA	TCCATCGGTTTTCCACATCAAGG
ABCB5	U66692	220-353	TCTGGCCCCTCAAACCTCACC	TTTCATACCGCCACTGCCAACTC
ABCB6	NM_005689	2599-2880	CAACCGCACCACCATCGTAGT	AATAAGCCAGGGAAAGGAGACACA
ABCB7	NM_004299	1589-1950	TGGGTCAGGGAAAAGCACAATAG	GGGGGTCCTTCAAATGGCTCTT
ABCB8	NM_007188	2039-2372	GGGCCACTGCATTGTCTGT	CGGCCCGGCTTTATTGT
ABCB9	NM_019625	1799-2177	GAGGGCCGGGTGGACTTTGAGAAT	CAGTGGGCAGGCCGTAGGAGATGT
ABCB10	NM_012089	1038-1556	ATGGGCGATATCTACGGAAACTGA	GGCGAGCTGGATAGGCAAAT
ABCB11	NM_003742	2102-2289	AGGGAAATCAAGCTCTTAATGAAG	ATAGGTAGACTTATGATCTACAACA
# ABC	RefSeq #	Position of primer on refseq	Forward Oligo Sequence	Reverse Oligo Sequence

ABCC1	NM_004996	1119-1670	AGTGGAACCCCTCTCTGTTAAG	CCTGATACGTCTTGGTCTTCATC ^b
ABCC2	NM_000392	3329-3531	TCCTTGCGCAGCTGGATTACAT	TCGCTGAAGTGAGAGTAGATTG
ABCC3	NM_020038	2911-3180	CAGAGAAGGTGCAGGTGACA	CTAAAGCAGCATAGACGCCC
ABCC4	NM_005845	3880-4124	TGATGAGCCGTATGTTTTGC	CTTCGGAACGGACTTGACAT
ABCC5	NM_005688	1695-2261	AGGGGCAAGAAAGAGAAGGTGAGG	GAGGGGGTCGTCCAGGATGTAGAT
ABCC6	NM_001171	3062-3492	GGCCCGGGCATCCAGGTT	TTTCATCTACGCGAGCATTGTTCT
ABCC7	NM_000492	555-1029	CATTTTTGGCCTTCATCACATT	TGCCTCCGAGTCAGTTTCAG
ABCC8	NM_000352	3424-3619	CTGCTAAACCGGATCATCCTAGCC	CGAGGAACACAGGTGTGACATAGG
ABCC9	NM_020298	1420-1556	GCTACAAAGTTGGCAGAGGC	TCCCAGGCATACAATTTTAGAAGT
ABCC10	U66684	930-1234	GGCTCCGGCAAGTCTTCCCTGTT	AGATAGCTCCGGCCCCCTTCACC
ABCC11	NM_033151	3025-3560	CCACGGCCCTGCACAACAAG	GGAATTGCCAAAAGCCACGAACA
ABCC12	NM_033226	4195-4740	CACCGCCTCTATGGACTCC	TCAATCTCAGGCACTGGGGT
ABCD1	NM_000033	2050-2293	ACCAGGTGATCTACCCGGAICTAG	CTCACGGCGCTGGTGCATTCATCC
ABCD2	NM_005164	160-454	ATGGCCTGATTCGACCTCTCC	GTCTGCAGCGTTTCTCTTCCACT
ABCD3	NM_002858	121-421	CTCGGCCTGCACGGTAAGAA	TGGCAGCGATGAAGTTGAGTAAGT
ABCD4	NM_005050	1266-1459	GGATCTGAGCCTAAAGATCTCCGAG	GGGTCCCCTCAGTGAAGAATGGC
ABCE1	NM_002940	404-666	GGTTGCCTATCCCTCGTCCAG	TGTCCCCTTTGCCAGCCTTAG
ABCF1	NM_001090	244-499	ACAGGCTGGGGAAGAAGAGAAAGT	CAGGGCTGCAAAAACATTACCAC
ABCF2	NM_005692	1431-1753	TAGGGCGTTACCATCAGCATTTAC	GACCAGCATCATACCACCCTCAA
ABCF3	U66685	381-637	GGGGCATCAGACACGCTCAC	GTTGGGGCAGGGCATAGTCAT
ABCG1	NM_004915	976-1152	CAGGAAGATTAGACACTGTGG	GAAAGGGGAATGGAGAGAAGA
ABCG2	NM_004827	266-646	CCGCGACAGTTTCCAATGACCT	GCCGAAGAGCTGCTGAGAAGTGTG
ABCG4	NM_022169	687-1050	GGTCTGGATAGCGCCTCTTGTTTC	ATGGGGCAGGGACCTCGTTCTTC
ABCG5	NM_022436	2131-2352	GCCGACTGTGCATGACTGCTCTG	TTACATTCTTGGGTCCGCTCAG
ABCG8	NM_022437	1718-1952	CCGGGGGCTTCATGATAAACTT	CTGAGGCCAATGACGATGAGGTA

^aKielar et al. (6)

^bKlucken et al. (7)