

Supplementary Table I.

Title” The impact of SNPs on human Aldehyde Oxidase”

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Exon	Structure of amplimers	Nucleotide position in NT_005403	Length of PCR product(bp)
1	5'-gttggactttaggctccagcaagc-3'	60,123-60,146	273
	5'-ttaaaccggcgggcacgaaaggatg-3'	complementary to 60,371-60,395	
2	5'-gagtgggtggttgcatacacagc-3'	67,123-67,146	401
	5'-ggccacatttgcactgcctata-3'	complementary to 67,500-67,523	
3	5'-ctgtgatattactgtctcctagtggc-3'	69,327-69,352	294
	5'-gccagttctttcacatggtaggt-3'	complementary to 69,597-69,620	
4	5'-agtggagaagctcagtgaatgcct-3'	71,452-71,475	274
	5'-cgctctcttaatctcagggactca-3'	complementary to 71,702-71,725	
5	5'-ctgggatcttgctagaatgcagg-3'	73,672-73,695	303
	5'-cagccccgggcaacagagtgagatt-3'	complementary to 73,950-73,974	
6	5'-gtcctcatttccatcacactcttg-3'	76,343-76,366	244
	5'-catgtattagtaagatggctgccc-3'	complementary to 76,563-76,586	
7	5'-gtttcaactggcattcacctgctt-3'	77,325-77,348	258
	5'-gggtagccatttgttcttctaag-3'	complementary to 77,559-77,582	
8	5'-gtcggtttgcgtatctgactgtg-3'	78,053-78,076	280
	5'-gccaatcagctttgagagaacct-3'	complementary to 78,309-78,332	
9	5'-tcccaggagtaagaacctcgtg-3'	78,641-78,664	429
	5'-gtatatgaagttccccagcccac-3'	complementary to 79,046-79,069	
10	5'-gccatatggcccaagttcaaggt-3'	79,450-79,473	394
	5'-tgcttctctgctgggcaaggtaaa-3'	complementary to 79,820-79,843	
11	5'-gcagggcagcatgtatccagtata-3'	83,013-83,036	472
	5'-ctaagatgtgtccccctaaagac-3'	complementary to 83,461-83,484	

12	5'-gactctccctgatgaatcatgaca-3'	83,321-83,344	321
	5'-ttcaagactggatttctgcctc-3'	complementary to 83,618-83,641	
13	5'-ttgcgaagcataggaagagcacct-3'	85,388-85,411	382
	5'-cataaccacttctgaagttgagcc-3'	complementary to 85,746-85,769	
14	5'-ataccgtccagcacgtaggtgatg-3'	86,578-86,601	423
	5'-agggctcctctaatactggagtc-3'	complementary to 86,977-87,000	
15	5'-tgctgatccagagcttgactct-3'	87,820-87,843	375
	5'-gctatttgtagggagtcattgcc-3'	complementary to 88,171-88,194	
16	5'-cgtgagacttcagagtagagatgc-3'	90,001-90,024	317
	5'-aagtgagcttgacttacagagc-3'	complementary to 90,294-90,317	
17	5'-tgcccagcccaatagtgcttttc-3'	94,641-94,664	450
	5'-gtttcacctctggtctgcattgga-3'	complementary to 95,067-95,090	
18	5'-gagactgttgacagttcttacct-3'	95,156-95,179	323
	5'-gggtgccaagtagatggtatct-3'	complementary to 95,455-95,478	
19	5'-cgagtactaggaggaggagaaa-3'	97,915-97,938	318
	5'-ttggaggccactttgagccacat-3'	complementary to 98,209-98,232	

Supplementary Table I. (continued)

Exon	Structure of amplimers	Nucleotide position in NT_005403	Length of PCR product(bp)
20	5'-gaaccacaaggtgaaggagaaac-3'	101,376-101,399	305
	5'-ctgccgatgattccagaagaca-3'	complementary to 101,657-101,680	
21	5'-ataacgggataatacctggggac-3'	108,854-108,877	311
	5'-ccccccactcaatcccaaata-3'	complementary to 109,141-109,164	
22	5'-gtgactgtcacagtccatttcagg-3'	110,919-110,942	350
	5'-gccaggttcttctcattgattc-3'	complementary to 111,245-111,268	
23	5'-actcaggctcttgccaggagtat-3'	112,268-112,291	265
	5'-cactagagagtagccaaagactgc-3'	complementary to 112,509-112,532	
24	5'-agatagtctgagtggttacacagc-3'	115,057-115,080	418
	5'-caccaggaagtaacacatggctat-3'	complementary to	

		115,451-115,474	
25	5'-gttttggtctgaggtcgtaggatg-3'	116,677-116,700	360
	5'-ctgggtctcaaattcctcaacctg-3'	complementary to 117,013-117,036	
26	5'-ttgaccaggaggatggtgaatgga-3'	125,035-125,058	386
	5'-ggagaagtttctcaacaccttt-3'	complementary to 125,397-125,420	
27	5'-gtgcgggattcttgagggaata-3'	130,876-130,899	318
	5'-ctcaccagcttctatcctgtat-3'	complementary to 131,170-131,193	
28	5'-tggctggaggaatttggttctgc-3'	133,167-133,191	412
	5'-actgggtgctgtaccactgactga-3'	complementary to 133,555-133,578	
29	5'-cctcatacagggttggtgttta-3'	133,999-134,022	286
	5'-aatgcacattgctcttgcctcct-3'	complementary to 134,261-134,284	
30	5'-ggcttctctggttactattgctg-3'	135,596-135,619	334
	5'-ccacaacctggattaactagcag-3'	complementary to 135,906-135,929	
31	5'-tgtggcttgcataaatcctcatgg-3'	136,903-136,926	282
	5'-ctcagatagatggcatctgtggaa-3'	complementary to 137,184	
32	5'-aaagtcagcctggcaggaagtgtt-3'	140,739-140,762	236
	5'-actgatggaatgctctctgcaga-3'	complementary to 140,951-140,974	
33	5'-gctccaagacacctgaaaatgct-3'	142,624-142,647	400
	5'-ccaagagaggaatgtagccttct-3'	complementary to 143,000-143,023	
34	5'-gagattgtgtcactacactccagt-3'	143,534-143,558	576
	5'-tagtatagaatggagccaagcagg-3'	complementary to 144,086-144,109	
35	5'-ttgccctctgctggtttaaact-3'	144,669-144,692	1,162
	5'-gttccatttttcctatcctagcc-3'	complementary to 145,806-145,830	

Supplementary Table I *Oligodeoxynucleotides used for amplification of human AOX1 exons*

The oligonucleotides used for the amplification of the AOX1 exons correspond to intronic sequences and are numbered according to the deposited genomic sequence (NT_005403). The position of the oligonucleotides and the length of the PCR products are listed in the Table.