

#	dbSNP 121	DIL#	DIL name	NCBI build 34	Location	Alleles	Allele Frequency	P, Hardy-Weinberg	Transmitted	Non-Transmitted	%T	P tdt	P gtrr
1	rs2544038	DIL1450	U+20095	46,501,500	centomeric to VDR gene	A/G	57.1	0.25	565	603	48.4	0.28	0.26
2	rs1859281	DIL1449	U+19579	46,502,016	centomeric to VDR gene	C/T	6.9	0.61	165	163	50.3	0.91	0.74
3	rs2544028	DIL1448	U+18898	46,502,697	centomeric to VDR gene	A/T	40.6	0.28	582	549	51.5	0.34	0.42
4	rs2544027	DIL1447	U+18799	46,502,796	centomeric to VDR gene	C/T	46.4	0.15	606	570	51.5	0.30	0.28
5	rs11168256	DIL1446	U+18315	46,503,280	centomeric to VDR gene	C/T	72.7	0.71	477	492	49.2	0.64	0.88
6	rs12721361	DIL1437	U+11191	46,510,399	centomeric to VDR gene	A/C	1.4	1.00	38	31	55.1	0.43	0.44
7	rs12721362	DIL1463	U+9581	46,512,009	centomeric to VDR gene	A/G	69.3	1.00	508	522	49.3	0.67	0.72
8	rs12721363	DIL1462	U+8981	46,512,609	centomeric to VDR gene	C/T	1.0	1.00	27	25	51.9	0.78	0.78
9	rs12721364	DIL1458	U+3893	46,517,697	centomeric to VDR gene	C/T	85.7	0.78	194	186	51.1	0.69	0.29
10	rs7965281	DIL1457	U+3713	46,517,877	centomeric to VDR gene	C/T	48.7	0.16	629	587	51.7	0.25	0.22
11	rs10783215	DIL1455	U+3425	46,518,165	centomeric to VDR gene	A/G	48.9	0.30	441	404	52.2	0.23	0.46
12	rs7968585	DIL1454	U+3230	46,518,360	centomeric to VDR gene	A/G	49.2	0.69	377	347	52.1	0.28	0.41
13	rs6580639	DIL1453	U+3151	46,518,439	centomeric to VDR gene	A/G	3.9	0.39	46	63	42.2	0.12	0.13
14	rs11574139	DIL1340	E9+3234	46,521,822	exon 9	A/T	3.2	0.06	50	45	52.6	0.62	-
15	rs2853563	DIL1338	E9+3051	46,522,005	exon 9	G/A	96.8	1.00	47	57	45.2	0.33	-
16	rs2853562	DIL1336	E9+2403	46,522,653	exon 9	A/T	47.0	0.05	429	403	51.6	0.39	0.52
17	rs2544043	DIL1331	E9+2239	46,522,817	exon 9	G/C	7.3	1.00	100	132	43.1	0.03	0.09
18	rs9729	DIL1330	E9+2166	46,522,890	exon 9	A/C	47.3	0.09	438	414	51.4	0.43	0.47
19	rs3847987	DIL1346	E9+721	46,524,335	exon 9	G/T	90.1	0.25	145	144	50.2	0.96	0.90
20	rs11574119	DIL1345	E9+697	46,524,359	exon 9	C/G	3.1	0.07	70	71	49.6	0.94	0.81
21	rs739837	DIL1343	E9+568	46,524,488	exon 9	A/C	52.8	0.15	400	439	47.7	0.20	0.20
22	rs731236	DIL1339	TaqI	46,525,024	exon 9	T/C	39.6	0.24	321	337	48.8	0.54	0.28
23	rs7975232	DIL1321	Apal	46,525,104	intron	G/T	47.0	0.07	449	415	52.0	0.28	0.43
24	rs757343	DIL1402	I8+443	46,525,942	intron	A/G	11.4	0.84	264	234	53.0	0.20	0.43
25	rs1544410	DIL1322	BsmI	46,526,102	intron	A/G	41.7	0.09	340	379	47.3	0.16	0.32
26	rs12721365	DIL1324	E8+2	46,526,500	exon 8	C/T	99.5	1.00	11	6	64.7	0.32	0.32
27	rs12721366	DIL5012	I6+3824	46,531,856	intron	A/G	1.1	1.00	37	19	66.1	0.01	0.01
28	rs7305032	DIL1388	I5+1052	46,536,127	intron	C/T	56.9	0.18	594	600	49.7	0.87	0.65
29	rs11574085	DIL5011	I5+118	46,537,061	intron	A/T	94.3	0.09	119	136	46.7	0.32	0.24
30	rs12721367	DIL1387	I4+211	46,537,343	intron	A/G	97.6	1.00	38	35	52.1	0.74	1.00
31	rs2238140	DIL1383	I3+6166	46,538,931	intron	C/T	52.2	0.30	573	614	48.3	0.25	0.43
32	rs12370156	DIL1381	I3+4697	46,540,400	intron	A/G	52.1	0.24	582	614	48.7	0.37	0.55
33	rs2283343	DIL1379	I3+4052	46,541,045	intron	C/T	48.9	0.29	392	351	52.8	0.15	0.11
34	rs2239182	DIL1378	I3+3419	46,541,678	intron	A/G	48.6	1.00	633	599	51.4	0.35	0.35
35	rs2107301	DIL1377	I3+3260	46,541,837	intron	C/T	75.6	0.11	275	273	50.2	0.94	0.80
36	rs2239181	DIL1375	I3+2881	46,542,216	intron	G/T	89.7	0.70	223	231	49.1	0.71	0.93
37	rs2239180	DIL1373	I3+2784	46,542,313	intron	C/G	8.8	0.03	159	181	46.8	0.25	0.47
38	rs2238139	DIL1372	I3+2550	46,542,547	intron	C/T	20.6	0.83	263	253	51.0	0.67	0.48
39	rs12721368	DIL1371	I3+1577	46,543,520	intron	A/G	0.1	1.00	2	2	50.0	1.00	1.00
40	rs1540339	DIL1370	I3+1504	46,543,593	intron	A/G	65.1	0.38	335	375	47.2	0.14	0.15

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41	rs12721369	DIL1350	I2+10847	46,548,171	intron	A/G	0.5	1.00	16	8	66.7	0.12	0.11
42	rs12721370	DIL1349	I2+10678	46,548,340	intron	G/T	89.7	0.86	152	140	52.1	0.50	0.49
43	rs886441	DIL1368	I2-4004	46,549,231	intron	C/T	18.8	0.35	378	369	50.6	0.75	0.77
44	rs2189480	DIL1365	I2+8923	46,550,095	intron	A/C	36.9	0.68	568	560	50.4	0.81	0.90
45	rs2238138	DIL1364	I2+8258	46,550,760	intron	C/T	33.9	0.26	510	548	48.2	0.22	0.22
46	rs12721371	DIL1360	I2+6781	46,552,237	intron	A/T	98.9	1.00	16	21	43.2	0.51	0.51
47	rs3782905	DIL1359	I2+6584	46,552,434	intron	C/G	32.4	0.55	309	355	46.5	0.06	0.14
48	rs12721372	DIL1353	I2+2953	46,556,065	intron	A/G	83.2	0.48	225	203	52.6	0.31	0.56
49	rs7974708	DIL1352	I2+2586	46,556,432	intron	A/G	64.0	0.53	546	524	51.0	0.49	0.68
50	rs6580642	DIL1351	I2+2155	46,556,863	intron	A/G	84.4	0.31	217	197	52.4	0.35	0.56
51	rs11168275	DIL1355	I2+476	46,558,542	intron	A/G	21.2	0.05	281	228	55.2	0.02	0.06
52	rs11574050	DIL4026	I2+290	46,558,728	intron	C/T	5.7	0.18	86	85	50.3	0.93	0.80
53	rs10783218	DIL1363	I2+8	46,559,010	intron	T/C	96.4	1.00	54	55	49.5	0.92	0.53
54	rs11574048	DIL4025	E2+59	46,559,107	exon 2	C/T	2.5	0.43	40	41	49.4	0.92	0.58
55	rs10735810	DIL1348	FokI	46,559,162	exon 2	T/C	59.6	0.21	420	379	52.6	0.14	0.06
56	rs2408876	DIL1421	P-667	46,559,832	intron	A/G	37.8	0.11	43	29	59.7	0.18	0.41
57	rs11574046	DIL1434	P-916	46,560,081	intron	A/G	93.1	0.43	107	84	56.0	0.07	0.17
58	rs12721373	DIL1415	P-2109	46,561,274	intron	A/T	12.2	0.52	158	167	48.6	0.64	0.89
59	rs1989969	DIL1417	P-5112	46,564,277	intron	A/T	40.9	0.59	574	589	49.4	0.65	0.77
60	rs2238135	DIL1418	P-5292	46,564,457	intron	C/G	24.1	0.64	286	302	48.6	0.47	0.75
61	rs2853564	DIL1419	P-5589	46,564,754	intron	C/T	59.9	0.88	392	361	52.1	0.24	0.34
62	rs12721374	DIL4044	P-6030	46,565,195	intron	A/G	99.2	0.08	16	11	59.3	0.40	0.40
63	rs7965266	DIL1423	P-7236	46,566,401	intron	A/T	41.3	0.82	559	588	48.7	0.38	0.42
64	rs7965274	DIL1424	P-7269	46,566,434	intron	A/G	60.2	0.94	392	361	52.1	0.23	0.32
65	rs12321826	DIL1425	P-7456	46,566,621	intron	A/G	7.0	0.02	155	156	49.8	0.95	0.52
66	rs7979131	DIL1426	P-7557	46,566,722	intron	A/C	40.1	1.00	357	368	49.2	0.67	0.24
67	rs4760648	DIL4043	P-7767	46,566,932	intron	A/G	57.1	0.43	342	371	48.0	0.27	0.28
68	rs10875694	DIL1432	P-8762	46,567,927	intron	A/T	16.5	0.80	210	221	48.7	0.57	0.43
69	rs11168283	DIL1435	P-9504	46,568,669	intron	A/G	64.6	0.82	368	373	49.7	0.85	0.37
70	rs12721375	DIL1403	P-10002	46,569,167	intron	C/T	14.0	0.18	180	181	49.9	0.96	0.92
71	rs11168284	DIL1404	P-10151	46,569,316	intron	C/T	64.1	0.70	318	343	48.1	0.33	0.27
72	rs12721376	DIL5013	P-10795	46,569,960	intron	C/G	96.0	0.21	90	102	46.9	0.40	0.25
73	rs7965943	DIL1407	P-10858	46,570,023	intron	A/C	40.0	0.89	332	343	49.2	0.66	0.69
74	rs7966244	DIL1412	P-11384	46,570,549	intron	A/T	97.7	1.00	43	29	59.7	0.14	0.21
75	rs3922882	DIL1413	P-12070	46,571,235	intron	C/G	45.2	0.05	335	383	46.7	0.06	0.15
76	rs11168287	DIL6329	P-12516	46,571,681	intron	C/T	49.1	0.10	424	413	50.7	0.70	0.77
77	rs12721377	DIL5005	1B-1968	46,581,618	intron	A/G	97.2	1.00	74	58	56.1	0.13	0.13
78	rs12717994	DIL4856	1D+2175	46,582,535	intron	A/G	69.8	0.39	311	334	48.2	0.36	0.56
79	rs11574005	DIL5004	1A-751	46,585,837	intron	A/G	2.8	1.00	59	74	44.4	0.16	0.16
80	rs4516035	DIL1311	1A-1007	46,586,093	intron	A/G	40.6	0.67	389	376	50.8	0.64	0.73

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81	rs7139166	DIL1313	1A-1515	46,586,601	intron	C/G	57.6	0.42	362	381	48.7	0.48	0.78
82	rs11568820	DIL6243	Cdx2	46,588,812	intron	A/G	79.2	0.54	249	245	50.4	0.86	0.83
83	rs10459217	DIL4854	1F+20593	46,602,528	intron	A/G	21.5	0.92	279	277	50.2	0.93	0.99
84	rs6580645	DIL4853	1F+15831	46,607,290	intron	C/T	66.9	1.00	375	343	52.2	0.22	0.38
85	rs11168314	DIL6299	1F+6225	46,616,896	intron	T/C	21.0	0.12	226	222	50.4	0.85	0.54
86	rs10875708	DIL4847	1F+3103	46,620,017	intron	C/T	78.8	0.76	261	265	49.6	0.86	0.97
87	rs4303288	DIL1316	1F+234	46,622,886	intron	G/T	60.4	0.66	372	312	54.4	0.02	0.01
88	rs4073729	DIL1317	1F-217	46,623,336	telomeric to VDR gene	C/T	84.7	0.53	222	197	53.0	0.26	0.52
89	rs4073726	DIL1318	1F-465	46,623,584	telomeric to VDR gene	C/G	44.9	0.12	430	387	52.6	0.14	0.21
90	rs12721378	DIL1319	1F-532	46,623,651	telomeric to VDR gene	C/G	98.9	0.09	16	16	50.0	1.00	1.00
91	rs3923693	DIL1320	1F-777	46,623,896	telomeric to VDR gene	A/G	87.8	0.76	166	177	48.4	0.56	0.84
92	rs1015390	DIL6325	1F-7196	46,630,305	telomeric to VDR gene	A/G	84.4	0.69	227	202	52.9	0.26	0.33
93	rs4760674	DIL6305	1F-20173	46,643,281	telomeric to VDR gene	T/G	64.2	0.59	357	382	48.3	0.35	0.05
94	rs6823	DIL5006	1F-25571	46,648,679	telomeric to VDR gene	C/G	55.2	0.14	615	627	49.5	0.74	0.57
95	rs10875712	DIL5007	1F-26412	46,649,520	telomeric to VDR gene	C/G	64.8	0.46	578	595	49.3	0.62	0.68
96	rs2071358	DIL5008	1F-29607	46,652,716	telomeric to VDR gene	A/C	18.2	1.00	384	361	51.5	0.39	0.66
97	rs2070739	DIL5009	1F-31134	46,654,243	telomeric to VDR gene	G/A	9.2	0.22	228	199	53.4	0.18	0.28
98	rs12721379	DIL5010	1F-31243	46,654,352	telomeric to VDR gene	C/T	0.9	1.00	22	25	46.8	0.68	0.68