

Table S3

Primary Sequence Name	Sequence Description	Accession Number	Missense pool*	Missense pool	Nonsense pool*	Nonsense pool
ANGPTL4	angiotensin-like 4	NM_139314	7.462	7.558	3.268	2.977
DKK1	dickkopf homolog 1 (Xenopus laevis)	NM_012242	3.506	3.243	1.644	1.628
TFPI2	tissue factor pathway inhibitor 2	NM_006528	5.77	5.317	2.241	1.969
COMP	cartilage oligomeric matrix protein	NM_000095	5.757	5.239	1.541	1.269
COMP	cartilage oligomeric matrix protein	NM_000095	6.001	4.613	1.532	1.28
A2M	alpha-2-macroglobulin	NM_000014	8.545	8.687	1.603	1.834
INSL5	insulin-like 5	NM_005478	5.662	5.424	1.178	1.23
NR4A1	nuclear receptor subfamily 4, group A, member 1	NM_002135	3.232	2.969	1.165	1.172
PODXL	podocalyxin-like	NM_001018111	2.496	2.28	1.092	1.082
SFRP1	secreted frizzled-related protein 1	NM_003012	4.41	3.666	1.128	1.018
SFRP1	secreted frizzled-related protein 1	NM_003012	4.041	3.6	1.132	1.058
PCSK1	proprotein convertase subtilisin/kexin type 1	NM_000439	2.306	2.446	1.06	1.023
IL1RL1	interleukin 1 receptor-like 1	NM_016232	2.673	2.391	-2.767	-2.568
COL4A2	collagen, type IV, alpha 2	NM_001846	1.472	1.463	-1.102	-1.101
LEPROT	leptin receptor overlapping transcript	NM_017526	1.648	1.814	-1.649	-1.501
AK027091	Homo sapiens cDNA: FLJ23438 fis, clone HRC13275. [AK027091]	AK027091	1.496	1.518	-1.522	-1.406
CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1	NM_000104	1.32	1.311	-1.431	-1.44
TPM1	tropomyosin 1 (alpha)	NM_001018004	1.218	1.265	-1.369	-1.37
CLEC3B	C-type lectin domain family 3, member B	NM_003278	-2.021	-2.011	1.353	1.355
PSPH	phosphoserine phosphatase	NM_004577	-1.909	-2.118	1.378	1.224
NPTX2	neuronal pentraxin II	NM_002523	-9.093	-8.933	1.045	-1.021
LY6K	lymphocyte antigen 6 complex, locus K	NM_017527	-1.459	-1.345	1.347	1.366
LY6K	lymphocyte antigen 6 complex, locus K	NM_017527	-1.378	-1.366	1.379	1.461
CILP	cartilage intermediate layer protein, nucleotide pyrophosphohydrolase	NM_003613	-1.768	-2.119	2.22	1.735
DDX3Y	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	NM_004660	-1.001	1.085	7.796	6.871
RPS4Y2	ribosomal protein S4, Y-linked 2	NM_001039567	-1.141	1.053	48.763	48.704
RPS4Y1	ribosomal protein S4, Y-linked 1	NM_001008	-1.477	1.15	50.953	76.205
RCAN2	regulator of calcineurin 2	NM_005822	-9.243	-10.051	-3.604	-3.816
AK126405	Homo sapiens cDNA FLJ44441 fis, clone UTERU2020242. [AK126405]	AK126405	-6.002	-5.833	-2.67	-2.868
EYA2	eyes absent homolog 2 (Drosophila)	NM_172113	-4.856	-4.892	-1.742	-2.033
SPON2	spondin 2, extracellular matrix protein	NM_012445	-4.633	-5.33	-1.729	-2.05
PTGDS	prostaglandin D2 synthase 21kDa (brain)	NM_000954	-3.978	-3.895	-1.858	-2.011
TRPV2	transient receptor potential cation channel, subfamily V, member 2	NM_016113	-2.251	-2.265	-1.248	-1.292
THC2545097	IBP7_HUMAN (Q16270) Insulin-like growth factor-binding protein 7 precursor (IGFBP-7) (IBP-7) (IGF-binding protein		-1.92	-1.683	-5.476	-5.029
SMYD3	SET and MYND domain containing 3	NM_022743	1.073	1.086	-1.575	-1.553
STMN2	stathmin-like 2	S82024	1.142	1.08	-1.609	-1.621
CRLF1	cytokine receptor-like factor 1	NM_004750	1.188	1.028	-4.345	-4.678
XIST	Homo sapiens X (inactive)-specific transcript (XIST) on chromosome X.	NR_001564	-1.003	-1.083	-2.919	-3.185