Controlled by Low Average Shear Stress

ProbeName	Fold change ([15d] vs [1d])	Regulation ([15d] vs [1d])	Fold change ([15d] vs [RF])	Regulation ([15d] vs [RF])	Common name	Gene Symbol	Description	Genbank Accession
A_23_P66347	3.2648382	up	4.2509212	up	A_23_P66347	A_23_P66347		
A_24_P246636	1.7897964	up	1.863916	up	A_24_P246636	A_24_P246636		
A_32_P599	9.489623	up	11.0485325	up	A_32_P599	A_32_P599		
A_32_P93894	3.8403106	up	4.5954313	up	A_32_P93894	A_32_P93894		
A_23_P80570	2.5601187	down	2.8172853	down	NM_001086	AADAC	Homo sapiens arylacetamide deacetylase (esterase) (AADAC), mRNA [NM_001086]	NM_001086
A_23_P360754	2.2299452	up	2.4174721	up	NM_005099	ADAMTS4	Homo sapiens ADAM metallopeptidase with thrombospondin type 1 motif, 4 (ADAMTS4), mRNA [NM_005099]	NM_005099
A_23_P138706	2.1722567	down	2.387598	down	NM_000681	ADRA2A	Homo sapiens adrenergic, alpha-2A-, receptor (ADRA2A), mRNA [NM_000681]	NM_000681
A_32_P41924	1.6199942	down	1.8429435	down	AF086011	AF086011	Homo sapiens full length insert cDNA clone YW18A11. [AF086011]	AF086011
A_32_P732971	2.4495358	down	2.7829664	down	AF086511	AF086511	Homo sapiens full length insert cDNA clone ZE03A08. [AF086511]	AF086511
A_23_P49351	1.5068936	down	1.785962	down	NM_015944	AMDHD2	Homo sapiens amidohydrolase domain containing 2 (AMDHD2), mRNA [NM_015944]	NM_015944
A_24_P66027	1.7308385	down	2.464134	down	NM_004900	APOBEC3B	Homo sapiens apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B (APOBEC3B), mRNA [NM_004900]	NM_004900
A_24_P416997	3.6430433	up	2.448857	up	NM_145641	APOL3	Homo sapiens apolipoprotein L, 3 (APOL3), transcript variant beta/a, mRNA [NM_145641]	NM_145641
A_24_P921321	1.602182	up	1.5785453	up	BC019824	BC019824	Homo sapiens, clone IMAGE:4454331, mRNA. [BC019824]	BC019824
A_24_P376422	2.6663516	up	3.065257	up	BC035371	BC035371	Homo sapiens HSPC047 protein, mRNA (cDNA clone MGC:34358 IMAGE:5178752), complete cds. [BC035371]	BC035371
A_23_P352266	5.3472505	up	4.8268266	up	NM_000633	BCL2	Homo sapiens B-cell CLL/lymphoma 2 (BCL2), nuclear gene encoding mitochondrial protein, transcript variant alpha, mRNA [NM_000633]	NM_000633
A_23_P304897	8.135892	up	8.569484	up	NM_000623	BDKRB2	Homo sapiens bradykinin receptor B2 (BDKRB2), mRNA [NM_000623]	NM_000623
A_23_P22735	1.6658295	down	2.451524	down	NM_032621	BEX2	Homo sapiens brain expressed X-linked 2 (BEX2), mRNA [NM_032621]	NM_032621
A_24_P466590	2.759013	up	2.4722292	up	BM692484	BM692484	UI-E-CK1-afh-p-15-0-UI.r1 UI-E-CK1 Homo sapiens cDNA clone UI-E-CK1-afh-p-15-0-UI 5', mRNA sequence [BM692484]	BM692484

A_23_P345707	1.6412733	down	1.7378421	down	NM_152259	C15orf42	Homo sapiens chromosome 15 open reading frame 42 (C15orf42), mRNA [NM_152259]	NM_152259
A_23_P129967	2.5463424	down	3.2974658	down	NM_024032	C17orf53	Homo sapiens chromosome 17 open reading frame 53 (C17orf53), mRNA [NM_024032]	NM_024032
A_23_P27656	1.5859854	down	1.627265	down	NM_199249	C19orf48	Homo sapiens chromosome 19 open reading frame 48 (C19orf48), mRNA [NM_199249]	NM_199249
A_23_P34946	1.7590647	up	1.5206803	up	NM_014388	C1orf107	Homo sapiens chromosome 1 open reading frame 107 (C1orf107), mRNA [NM_014388]	NM_014388
A_23_P160537	4.1841664	down	3.1548915	down	NM_024037	C1orf135	Homo sapiens chromosome 1 open reading frame 135 (C1orf135), mRNA [NM_024037]	NM_024037
A_23_P131935	8.295204	up	13.425229	up	NM_017671	C20orf42	Homo sapiens chromosome 20 open reading frame 42 (C20orf42), mRNA [NM_017671]	NM_017671
A_32_P188953	1.6716077	down	1.8081099	down	NM_001005732	C21orf34	Homo sapiens chromosome 21 open reading frame 34 (C21orf34), transcript variant 1, mRNA [NM_001005732]	NM_001005732
A_23_P252335	1.5080512	down	1.621292	down	NM_018944	C21orf45	Homo sapiens chromosome 21 open reading frame 45 (C21orf45), mRNA [NM_018944]	NM_018944
A_24_P272313	1.8309728	up	1.5189673	up	NM_207362	C2orf55	Homo sapiens similar to 2010300C02Rik protein (MGC42367), mRNA [NM_207362]	NM_207362
A_23_P403081	2.0841186	down	2.8629818	down	NM_198566	C5orf34	Homo sapiens chromosome 5 open reading frame 34 (C5orf34), mRNA [NM_198566]	NM_198566
A_24_P89887	2.7266712	up	3.3664565	up	NM_032823	C9orf3	Homo sapiens chromosome 9 open reading frame 3 (C9orf3), mRNA [NM_032823]	NM_032823
A_23_P73012	3.0614188	up	3.1782444	up	NM_032823	C9orf3	Homo sapiens chromosome 9 open reading frame 3 (C9orf3), mRNA [NM_032823]	NM_032823
A_24_P97825	2.3176281	up	2.060978	up	NM_015621	CCDC69	Homo sapiens coiled-coil domain containing 69 (CCDC69), mRNA [NM_015621]	NM_015621
A_23_P171107	2.9198396	down	3.7822483	down	NM_033031	CCNB3	Homo sapiens cyclin B3 (CCNB3), transcript variant 3, mRNA [NM_033031]	NM_033031
A_23_P23829	3.9031508	up	4.6774516	up	NM_001773	CD34	Homo sapiens CD34 molecule (CD34), transcript variant 2, mRNA [NM_001773]	NM_001773
A_32_P126832	1.676256	down	2.1116827	down	CD511705	CD511705	AGENCOURT_14360862 NIH_MGC_187 Homo sapiens cDNA clone IMAGE:30405414 5', mRNA sequence [CD511705]	CD511705
A_23_P138308	1.559124	up	1.6144438	up	NM_001779	CD58	Homo sapiens CD58 molecule (CD58), mRNA [NM_001779]	NM_001779
A_23_P149200	1.8488696	down	2.2089112	down	NM_001255	CDC20	Homo sapiens cell division cycle 20 homolog (S. cerevisiae) (CDC20), mRNA [NM_001255]	NM_001255

A_23_P70249	1.5577137	down	2.0566442	down	NM_001790	CDC25C	Homo sapiens cell division cycle 25 homolog C (S. pombe) (CDC25C), transcript variant 1, mRNA [NM_001790]	NM_001790
A_23_P24997	1.5175633	down	1.6092768	down	NM_000075	CDK4	Homo sapiens cyclin-dependent kinase 4 (CDK4), mRNA [NM_000075]	NM_000075
A_23_P37704	1.5235369	down	1.8625611	down	NM_030928	CDT1	Homo sapiens chromatin licensing and DNA replication factor 1 (CDT1), mRNA [NM_030928]	NM_030928
A_23_P253524	2.021497	down	2.9085164	down	NM_001813	CENPE	Homo sapiens centromere protein E, 312kDa (CENPE), mRNA [NM_001813]	NM_001813
A_24_P117725	2.0072546	down	2.2088947	down	NM_003741	CHRD	Homo sapiens chordin (CHRD), mRNA [NM_003741]	NM_003741
A_23_P214969	1.6473395	down	1.890054	down	NM_006079	CITED2	Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (CITED2), mRNA [NM_006079]	NM_006079
A_23_P48212	4.185031	down	3.3812337	down	NM_016509	CLEC1B	Homo sapiens C-type lectin domain family 1, member B (CLEC1B), mRNA [NM_016509]	NM_016509
A_32_P209669	1.5016574	down	1.8965714	down	CN391963	CN391963	CN391963 17000599942841 GRN_PRENEU Homo sapiens cDNA 5', mRNA sequence [CN391963]	CN391963
A_23_P214208	4.562335	up	3.4919002	up	NM_033181	CNR1	Homo sapiens cannabinoid receptor 1 (brain) (CNR1), transcript variant 2, mRNA [NM_033181]	NM_033181
A_23_P18017	3.8572752	down	3.4597194	down	NM_001870	CPA3	Homo sapiens carboxypeptidase A3 (mast cell) (CPA3), mRNA [NM_001870]	NM_001870
A_32_P162709	1.750695	up	1.7170005	up	CR624517	CR624517	full-length cDNA clone CS0DC002YA18 of Neuroblastoma Cot 25-normalized of Homo sapiens (human) [CR624517]	CR624517
A_23_P44674	2.0651805	up	1.9227542	up	NM_001311	CRIP1	Homo sapiens cysteine-rich protein 1 (intestinal) (CRIP1), mRNA [NM_001311]	NM_001311
A_23_P209625	5.4742084	up	14.753174	up	NM_000104	CYP1B1	Homo sapiens cytochrome P450, family 1, subfamily B, polypeptide 1 (CYP1B1), mRNA [NM_000104]	NM_000104
A_23_P155848	11.548662	up	8.25407	up	NM_014421	DKK2	Homo sapiens dickkopf homolog 2 (Xenopus laevis) (DKK2), mRNA [NM_014421]	NM_014421
A_23_P36962	1.62643	up	1.6201495	up	NM_006260	DNAJC3	Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 3 (DNAJC3), mRNA [NM_006260]	NM_006260
A_23_P85164	2.0019488	up	1.9806819	up	NM_006730	DNASE1L1	Homo sapiens deoxyribonuclease I-like 1 (DNASE1L1), transcript variant 1, mRNA [NM_006730]	NM_006730
A_23_P20337	2.32507	up	2.06427	up	NM_001386	DPYSL2	Homo sapiens dihydropyrimidinase-like 2 (DPYSL2), mRNA [NM_001386]	NM_001386

A_24_P322867	1.5337045	up	1.7292801	up	NM_004420	DUSP8	Homo sapiens dual specificity phosphatase 8 (DUSP8), mRNA [NM_004420]	NM_004420
A_23_P119502	2.6317406	up	2.8418922	up	NM_003775	EDG6	Homo sapiens endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6 (EDG6), mRNA [NM_003775]	NM_003775
A_24_P409250	1.7373428	up	1.5644078	up	ENST00000308436	ENST00000308436	U6 snRNA-specific terminal uridylyltransferase 1 (EC 2.7.7.52) (U6- TUTase) (RNA-binding protein 21) (RNA-binding motif protein 21). [Source:Uniprot/SWISSPROT;Acc:Q9H6E5] [ENST00000308436]	
A_23_P115246	6.827088	up	7.819735	up	NM_003665	FCN3	Homo sapiens ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen) (FCN3), transcript variant 1, mRNA [NM_003665]	NM_003665
A_23_P211727	3.4517164	up	3.1405728	up	NM_004113	FGF12	Homo sapiens fibroblast growth factor 12 (FGF12), transcript variant 2, mRNA [NM_004113]	NM_004113
A_23_P42969	2.8050704	down	2.2746665	down	NM_006682	FGL2	Homo sapiens fibrinogen-like 2 (FGL2), mRNA [NM_006682]	NM_006682
A_23_P302681	1.6490799	down	1.7956887	down	NM_022116	FIGNL1	Homo sapiens fidgetin-like 1 (FIGNL1), transcript variant 2, mRNA [NM_022116]	NM_022116
A_24_P861099	1.845647	up	1.9740883	up	AK094718	FLJ22536	Homo sapiens cDNA FLJ37399 fis, clone BRAMY2027587. [AK094718]	AK094718
A_24_P147765	1.650599	down	1.8229016	down	NM_024955	FOXRED2	Homo sapiens FAD-dependent oxidoreductase domain containing 2 (FOXRED2), mRNA [NM_024955]	NM_024955
A_23_P429461	1.6070526	up	1.6380737	up	NM_145059	FUK	Homo sapiens fucokinase (FUK), mRNA [NM_145059]	NM_145059
A_23_P16523	2.008557	down	1.8164611	down	NM_004864	GDF15	Homo sapiens growth differentiation factor 15 (GDF15), mRNA [NM_004864]	NM_004864
A_23_P205611	1.9765791	down	2.36304	down	NM_004124	GMFB	Homo sapiens glia maturation factor, beta (GMFB), mRNA [NM_004124]	NM_004124
A_24_P172768	2.0762353	down	1.8141026	down	NM_004124	GMFB	Homo sapiens glia maturation factor, beta (GMFB), mRNA [NM_004124]	NM_004124
A_23_P169479	3.903641	up	4.174552	up	ENST00000341700	GNA14	Guanine nucleotide-binding protein alpha-14 subunit (G-protein alpha subunit 14). [Source:Uniprot/SWISSPROT;Acc:O95837] [ENST00000341700]	
A_23_P26994	1.7812674	up	2.076707	up	NM_031498	GNGT2	Homo sapiens guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 (GNGT2), mRNA [NM_031498]	NM_031498
A_24_P931443	2.372624	up	3.010285	up	NM_003485	GPR68	Homo sapiens G protein-coupled receptor 68 (GPR68), mRNA [NM_003485]	NM_003485

A_23_P204375	4.4299808	up	6.5825815	up	NM_020400	GPR92	Homo sapiens G protein-coupled receptor 92 (GPR92), mRNA [NM_020400]	NM_020400
A_24_P85300	1.7860769	up	1.8791404	up	AB033063	HEG1	Homo sapiens mRNA for KIAA1237 protein, partial cds. [AB033063]	AB033063
A_23_P256107	1.6806201	up	1.6610279	up	NM_006665	HPSE	Homo sapiens heparanase (HPSE), mRNA [NM_006665]	NM_006665
A_32_P217750	5.2147837	up	5.870706	up	NM_002183	IL3RA	Homo sapiens interleukin 3 receptor, alpha (low affinity) (IL3RA), mRNA [NM_002183]	NM_002183
A_23_P253081	4.5959845	up	6.2024174	up	NM_002183	IL3RA	Homo sapiens interleukin 3 receptor, alpha (low affinity) (IL3RA), mRNA [NM_002183]	NM_002183
A_23_P122924	1.5454527	down	1.9910055	down	NM_002192	INHBA	Homo sapiens inhibin, beta A (activin A, activin AB alpha polypeptide) (INHBA), mRNA [NM_002192]	NM_002192
A_23_P91104	2.4538429	up	2.621412	up	NM_002246	KCNK3	Homo sapiens potassium channel, subfamily K, member 3 (KCNK3), mRNA [NM_002246]	NM_002246
A_23_P393880	1.9832898	up	1.9831369	up	NM_020340	KIAA1244	Homo sapiens KIAA1244 (KIAA1244), mRNA [NM_020340]	NM_020340
A_23_P410965	1.9444242	up	2.6445603	up	NM_020888	KIAA1522	Homo sapiens KIAA1522 (KIAA1522), mRNA [NM_020888]	NM_020888
A_23_P54622	1.6673138	down	2.0781078	down	NM_007317	KIF22	Homo sapiens kinesin family member 22 (KIF22), mRNA [NM_007317]	NM_007317
A_23_P119196	2.4280963	up	4.0571256	up	NM_016270	KLF2	Homo sapiens Kruppel-like factor 2 (lung) (KLF2), mRNA [NM_016270]	NM_016270
A_23_P32233	2.7533488	up	2.2215073	up	NM_004235	KLF4	Homo sapiens Kruppel-like factor 4 (gut) (KLF4), mRNA [NM_004235]	NM_004235
A_23_P208595	2.1256766	up	2.8288348	up	NM_000527	LDLR	Homo sapiens low density lipoprotein receptor (familial hypercholesterolemia) (LDLR), mRNA [NM_000527]	NM_000527
A_24_P117029	2.347587	up	2.8136182	up	NM_000527	LDLR	Homo sapiens low density lipoprotein receptor (familial hypercholesterolemia) (LDLR), mRNA [NM_000527]	NM_000527
A_23_P142796	2.4965374	up	2.2039502	up	NM_017980	LIMS2	Homo sapiens LIM and senescent cell antigen-like domains 2 (LIMS2), mRNA [NM_017980]	NM_017980
A_23_P360626	1.6348366	down	2.0932868	down	NM_178836	LOC201164	Homo sapiens similar to CG12314 gene product (LOC201164), mRNA [NM_178836]	NM_178836
A_24_P27415	1.5117297	down	1.945692	down	NR_003288	LOC729603	Homo sapiens calcium binding protein P22 pseudogene (LOC729603) on chromosome 6 [NR_003288]	NR_003288
A_24_P17031	2.6166306	up	3.997058	up	M31157	M31157	Human parathyroid hormone-like peptide mRNA, 3' end. [M31157]	M31157

A_23_P353652	1.833373	up	1.9815048	up	NM_005587	MEF2A	Homo sapiens MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A) (MEF2A), mRNA [NM_005587]	NM_005587
A_24_P1731	1.9310838	up	2.1220493	up	NM_005587	MEF2A	Homo sapiens MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A) (MEF2A), mRNA [NM_005587]	NM_005587
A_23_P372988	2.1666286	down	2.5437334	down	NM_153359	MGC24975	Homo sapiens hypothetical protein MGC24975 (MGC24975), mRNA [NM_153359]	NM_153359
A_24_P88850	1.5119493	up	1.650866	up	NM_012219	MRAS	Homo sapiens muscle RAS oncogene homolog (MRAS), mRNA [NM_012219]	NM_012219
A_23_P15174	40.132557	down	159.55148	down	NM_005949	MT1F	Homo sapiens metallothionein 1F (MT1F), mRNA [NM_005949]	NM_005949
A_23_P60933	3.5785594	down	5.516576	down	NM_005950	MT1G	Homo sapiens metallothionein 1G (MT1G), mRNA [NM_005950]	NM_005950
A_23_P414343	3.9345982	down	6.042775	down	NM_005951	MT1H	Homo sapiens metallothionein 1H (MT1H), mRNA [NM_005951]	NM_005951
A_23_P427703	3.804201	down	5.6520157	down	X97261	MT1L	H.sapiens mRNA for metallothionein isoform 1R. [X97261]	X97261
A_23_P66241	22.468672	down	37.832428	down	NM_176870	MT1M	Homo sapiens metallothionein 1M (MT1M), mRNA [NM_176870]	NM_176870
A_23_P303242	3.9008558	down	6.1913676	down	NM_005952	MT1X	Homo sapiens metallothionein 1X (MT1X), mRNA [NM_005952]	NM_005952
A_23_P43157	2.175116	down	2.436072	down	NM_001080416	MYBL1	Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-like 1 (MYBL1), mRNA [NM_001080416]	NM_001080416
A_23_P51213	5.665618	up	4.661814	up	NM_152372	MYOM3	Homo sapiens myomesin family, member 3 (MYOM3), mRNA [NM_152372]	NM_152372
A_23_P51215	5.7594905	up	5.1512556	up	NM_152372	MYOM3	Homo sapiens myomesin family, member 3 (MYOM3), mRNA [NM_152372]	NM_152372
A_23_P344555	1.8993796	up	2.1493678	up	NM_006403	NEDD9	Homo sapiens neural precursor cell expressed, developmentally down-regulated 9 (NEDD9), transcript variant 1, mRNA [NM_006403]	NM_006403
A_23_P200001	2.1701303	down	2.0636034	down	NM_144573	NEXN	Homo sapiens nexilin (F actin binding protein) (NEXN), mRNA [NM_144573]	NM_144573
A_23_P216355	1.5389006	down	1.8438607	down	NM_013432	NFKBIL2	Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2 (NFKBIL2), mRNA [NM_013432]	NM_013432
A_23_P102364	3.2395687	up	3.1880276	up	NM_019850	NGEF	Homo sapiens neuronal guanine nucleotide exchange factor (NGEF), mRNA [NM_019850]	NM_019850

A_23_P147711	5.542409	up	4.5417404	up	NM_000906	NPR1	Homo sapiens natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A) (NPR1), mRNA [NM_000906]	NM_000906
A_23_P432583	2.2798762	up	1.9674867	up	NM_016178	OAZ3	Homo sapiens ornithine decarboxylase antizyme 3 (OAZ3), mRNA [NM_016178]	NM_016178
A_32_P226078	2.0024319	up	1.8611317	up	NM_016178	OAZ3	Homo sapiens ornithine decarboxylase antizyme 3 (OAZ3), mRNA [NM_016178]	NM_016178
A_23_P87379	2.1503532	up	2.8367836	up	AK131525	PDE2A	Homo sapiens cDNA FLJ16750 fis, clone ADRGL2011190, highly similar to cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17). [AK131525]	AK131525
A_23_P401106	2.0592473	up	2.7689276	up	NM_002599	PDE2A	Homo sapiens phosphodiesterase 2A, cGMP-stimulated (PDE2A), mRNA [NM_002599]	NM_002599
A_23_P110403	1.6718659	up	1.6083505	up	NM_014476	PDLIM3	Homo sapiens PDZ and LIM domain 3 (PDLIM3), mRNA [NM_014476]	NM_014476
A_24_P105102	2.008108	down	2.438825	down	NM_182687	PKMYT1	Homo sapiens protein kinase, membrane associated tyrosine/threonine 1 (PKMYT1), transcript variant 2, mRNA [NM_182687]	NM_182687
A_23_P100711	1.6230608	up	1.9862714	up	NM_000304	PMP22	Homo sapiens peripheral myelin protein 22 (PMP22), transcript variant 1, mRNA [NM_000304]	NM_000304
A_23_P146554	3.286659	up	2.566539	up	NM_000954	PTGDS	Homo sapiens prostaglandin D2 synthase 21kDa (brain) (PTGDS), mRNA [NM_000954]	NM_000954
A_24_P923612	2.6290276	up	4.3237505	up	ENST00000354417	PTHLH	Parathyroid hormone-related protein precursor (PTH-rP) (PTHrP) [Contains: PTHrP[1-36]; PTHrP[38-94]; Osteostatin (PTHrP[107-139])]. [Source:Uniprot/SWISSPROT;Acc:P12272] [ENST00000354417]	
A_23_P2271	1.6818155	up	2.1063812	up	NM_198965	PTHLH	Homo sapiens parathyroid hormone-like hormone (PTHLH), transcript variant 1, mRNA [NM_198965]	NM_198965
A_24_P213494	1.8319322	up	2.6006424	up	NM_006504	PTPRE	Homo sapiens protein tyrosine phosphatase, receptor type, E (PTPRE), transcript variant 1, mRNA [NM_006504]	NM_006504
A_23_P138495	1.8297758	up	2.0858529	up	NM_006504	PTPRE	Homo sapiens protein tyrosine phosphatase, receptor type, E (PTPRE), transcript variant 1, mRNA [NM_006504]	NM_006504
A_23_P409966	1.6909053	up	2.0318835	up	NM_025252	RAPH1	Homo sapiens Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1), transcript variant 2, mRNA [NM_025252]	NM_025252

A_24_P929570	1.5962448	up	2.063569	up	NM_213589	RAPH1	Homo sapiens Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1), transcript variant 1, mRNA [NM_213589]	NM_213589
A_23_P137157	2.7760925	down	2.5708532	down	NM_002910	RENBP	Homo sapiens renin binding protein (RENBP), mRNA [NM_002910]	NM_002910
A_23_P156185	1.5115656	up	1.6593664	up	NM_133456	SHROOM1	Homo sapiens shroom family member 1 (SHROOM1), mRNA [NM_133456]	NM_133456
A_23_P302568	2.0811458	down	2.1904805	down	NM_003459	SLC30A3	Homo sapiens solute carrier family 30 (zinc transporter), member 3 (SLC30A3), mRNA [NM_003459]	NM_003459
A_24_P46093	1.5563738	up	1.6454632	up	NM_003043	SLC6A6	Homo sapiens solute carrier family 6 (neurotransmitter transporter, taurine), member 6 (SLC6A6), mRNA [NM_003043]	NM_003043
A_23_P356494	4.268205	up	5.320104	up	NM_006846	SPINK5	Homo sapiens serine peptidase inhibitor, Kazal type 5 (SPINK5), mRNA [NM_006846]	NM_006846
A_23_P422193	1.9091734	down	1.9175347	down	NM_003173	SUV39H1	Homo sapiens suppressor of variegation 3-9 homolog 1 (Drosophila) (SUV39H1), mRNA [NM_003173]	NM_003173
A_24_P410453	1.5099925	down	1.7658677	down	NM_033071	SYNE1	Homo sapiens spectrin repeat containing, nuclear envelope 1 (SYNE1), transcript variant longer, mRNA [NM_033071]	NM_033071
A_23_P377291	7.184272	up	6.0974975	up	NM_003236	TGFA	Homo sapiens transforming growth factor, alpha (TGFA), mRNA [NM_003236]	NM_003236
A_23_P91390	2.7972252	up	3.8402832	up	NM_000361	THBD	Homo sapiens thrombomodulin (THBD), mRNA [NM_000361]	NM_000361
A_24_P776523	4.2893686	up	4.1298633	up	THC2617352	THC2617352		
A_32_P13392	1.9747673	up	1.6859127	up	THC2631465	THC2631465		
A_24_P883577	1.6927876	up	2.1087878	up	THC2657091	THC2657091	BC004696 Nedd9 protein {Mus musculus} (exp=-1; wgp=0; cg=0), partial (6%) [THC2657091]	
A_32_P87649	2.5222163	down	3.0256314	down	NM_001008740	TMCO2	Homo sapiens transmembrane and coiled-coil domains 2 (TMCO2), mRNA [NM_001008740]	NM_001008740
A_24_P372134	1.654095	down	1.5275748	down	NM_018295	TMEM140	Homo sapiens transmembrane protein 140 (TMEM140), mRNA [NM_018295]	NM_018295
A_24_P277576	1.6297057	down	2.255554	down	NM_004237	TRIP13	Homo sapiens thyroid hormone receptor interactor 13 (TRIP13), mRNA [NM_004237]	NM_004237
A_23_P39561	1.5283525	up	1.7044649	up	NM_080678	UBE2F	Homo sapiens ubiquitin-conjugating enzyme E2F (putative) (UBE2F), mRNA [NM_080678]	NM_080678
A_23_P144959	11.126287	up	8.631912	up	NM_004385	VCAN	Homo sapiens versican (VCAN), mRNA [NM_004385]	NM_004385

A_23_P344281	1.9865369	down	1.7586018	down	NM_001010879	ZIK1	Homo sapiens zinc finger protein interacting with K protein 1 homolog (mouse) (ZIK1), mRNA [NM_001010879]	NM_001010879
A_23_P11025	2.1533012	up	2.4779346	up	AK095258	ZNF185	Homo sapiens cDNA FLJ37939 fis, clone CTONG2007613, highly similar to ZINC FINGER PROTEIN 185. [AK095258]	AK095258

Regulated by Flow Reversal

Probe Name	Fold change ([15d] vs [RF])	Regulation ([15d] vs [RF])	Fold change ([1d] vs [RF])	Regulation ([1d] vs [RF])	Common name	Gene Symbol	Description	Genbank Accession
A_23_P103405	3.092214	down	2.14633	down	AK023086	AK023086	Homo sapiens cDNA FLJ13024 fis, clone NT2RP3000865. [AK023086]	AK023086
A_23_P166376	2.5008166	down	1.8562944	down	NM_004121	GGTLA1	Homo sapiens gamma-glutamyltransferase-like activity 1 (GGTLA1), mRNA [NM_004121]	NM_004121
A_24_P282237	2.4502082	down	1.8995119	down	NM_000947	PRIM2A	Homo sapiens primase, polypeptide 2A, 58kDa (PRIM2A), mRNA [NM_000947]	NM_000947
A_32_P148745	2.4457057	down	1.7366879	down	AK027618	FLJ14712	Homo sapiens cDNA FLJ14712 fis, clone NT2RP3000825, weakly similar to NEUROGENIC LOCUS NOTCH 3 PROTEIN. [AK027618]	AK027618
A_23_P215976	2.4380348	down	2.1654208	down	NM_057749	CCNE2	Homo sapiens cyclin E2 (CCNE2), transcript variant 1, mRNA [NM_057749]	NM_057749
A_23_P115872	2.0912797	down	1.6861174	down	NM_018131	CEP55	Homo sapiens centrosomal protein 55kDa (CEP55), mRNA [NM_018131]	NM_018131
A_23_P42265	1.9423395	down	1.6497468	down	NM_019101	APOM	Homo sapiens apolipoprotein M (APOM), mRNA [NM_019101]	NM_019101
A_23_P87351	1.866552	down	1.5046993	down	NM_001033	RRM1	Homo sapiens ribonucleotide reductase M1 polypeptide (RRM1), mRNA [NM_001033]	NM_001033
A_24_P367242	1.8490353	down	2.2122939	down	NM_181607	KRTAP19-1	Homo sapiens keratin associated protein 19-1 (KRTAP19-1), mRNA [NM_181607]	NM_181607
A_24_P113144	1.8455476	down	1.7060194	down	NM_024857	ATAD5	Homo sapiens ATPase family, AAA domain containing 5 (ATAD5), mRNA [NM_024857]	NM_024857
A_23_P416468	1.8193185	down	1.5858676	down	NM_025049	PIF1	Homo sapiens PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae) (PIF1), mRNA [NM_025049]	NM_025049
A_23_P113462	1.8006582	down	1.6297696	down	NM_017641	KIF21A	Homo sapiens kinesin family member 21A (KIF21A), mRNA [NM_017641]	NM_017641

A_24_P917402	1.7631915	down	1.5528346	down	BC020241	BC020241	Homo sapiens cDNA clone IMAGE:4661475, with apparent retained intron. [BC020241]	BC020241
A_23_P211167	1.7454426	down	1.5928229	down	NM_004928	C21orf2	Homo sapiens chromosome 21 open reading frame 2 (C21orf2), mRNA [NM_004928]	NM_004928
A_24_P940678	1.7440412	down	1.6114271	down	NM_170589	CASC5	Homo sapiens cancer susceptibility candidate 5 (CASC5), transcript variant 1, mRNA [NM_170589]	NM_170589
A_23_P394395	1.7197728	down	1.685849	down	NM_020433	JPH2	Homo sapiens junctophilin 2 (JPH2), transcript variant 1, mRNA [NM_020433]	NM_020433
A_23_P371410	1.5924797	down	1.669994	down	NM_207578	PRKACB	Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 3, mRNA [NM_207578]	NM_207578
A_32_P27064	1.5915967	up	1.7048137	up	BC017350	BC017350	Homo sapiens cDNA clone IMAGE:5013593, partial cds. [BC017350]	BC017350
A_23_P209636	1.8176401	up	1.5473619	up	NM_006449	CDC42EP3	Homo sapiens CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3), mRNA [NM_006449]	NM_006449
A_23_P250951	1.8337795	up	1.5284629	up	NM_000112	SLC26A2	Homo sapiens solute carrier family 26 (sulfate transporter), member 2 (SLC26A2), mRNA [NM_000112]	NM_000112
A_32_P74932	1.8516275	up	1.9967798	up	THC2722466	THC2722466	ALU1_HUMAN (P39188) Alu subfamily J sequence contamination warning entry, partial (5%) [THC2722466]	
A_23_P254896	2.7523358	up	2.148171	up	NM_003868	FGF16	Homo sapiens fibroblast growth factor 16 (FGF16), mRNA [NM_003868]	NM_003868

Regulated by High Shear Component

Probe Name	Fold change ([15d] vs [1d])	Regulation ([15d] vs [1d])	Fold change ([1d] vs [RF])	Regulation ([1d] vs [RF])	Common name	Gene Symbol	Description	Genbank Accession
A_24_P401090	1.9243492	up	1.7537054	down	A_24_P401090	A_24_P401090		
A_23_P93027	2.0322945	up	1.8070092	down	NM_003862	FGF18	Homo sapiens fibroblast growth factor 18 (FGF18), mRNA [NM_003862]	NM_003862
A_24_P116710	3.1255064	up	2.2688086	down	NM_005854	RAMP2	Homo sapiens receptor (G protein-coupled) activity modifying protein 2 (RAMP2), mRNA [NM_005854]	NM_005854
A_32_P167396	1.6675488	up	1.8129867	down	BC039399	BC039399	Homo sapiens cDNA clone IMAGE:5300185. [BC039399]	BC039399
A_23_P102607	1.5331492	down	1.9248251	up	ENST00000373222	ENST00000373222	Chromodomain-helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein). [Source:Uniprot/SWISSPROT;Acc:Q8TD26] [ENST00000373222]	