Module			Enriched Subset					
ID	Gene Count	Genes		Top Ontology	Gene Count	Genes	%	PValue	Bonferroni
20	76	ACTR1A, ETV6, ABCC9, ATP9B, CCDC122, MIPOL1, SPDYE7P, TBC1D8B, TMEM45A, ADAMTSL3, ATP7A, C12orf50, C12orf55, CCDC150, CFLAR, FAM197Y6, KIAA1328, LINC00504, MIR143HG, MORC4, NME7, OPHN1, PEX13, RASEF, SBF2, SCN11A, SHISA9, TADA2B, TMEM212, ZNF850, APOL4, ASTN2, CCL5, CDHR4, CTSC, DHRS4L2, FBXL18, FGF5, GBP4, GUSBP3, HHLA1, INMT, L2HGDH, LINC00485, MAB21L3, NCKAP5, ODF2L, ORC4, ORC6, PCSK5, PGM5P2, PRKAR2A.AS1, PRR11, RAB11FIP1, RASGRP3, REXO1L1, RHOT1P3, SLC9A4, STX17, SVEP1, TSIX, TSSC2, UGT8, XPNPEP3, ZBTB8A, ZKSCAN3, ZNF471, ZNRF2P1, ARHGEF26.AS1, SPC25, XKR9, CCDC30, FAS, FDPSP2, SH3TC2, TTN	BP	transport	14	SLC9A4, RASEF, CCL5, ATP7A, ABCC9, ATP9B, STX17, ACTR1A, OPHN1, PEX13, SCN11A, PCSK5, RAB11FIP1, APOL4	21.88	1.30E-02	1.00E+00
			CC	NONE	-	NONE	-	-	-
			MF	Ras GTPase activator activity	3	RASGRP3, OPHN1, TBC1D8B	4.69	2.87E-02	9.96E-01
3	49	ACIN1, C12orf29, EEF1A1, GNB2L1, NPM1, RPL3, FAU, RPL7, RPL8, RPL9P9, RPL10, RPL12, RPL15, RPL17, RPL19, RPL21, RPL23, RPL23A, RPL24, RPL26, RPL27, RPL27A, RPL28, RPL29, RPL30, RPL31, RPL32, RPL34, RPL35, RPL35A, RPL36, RPL37A, RPLP1, RPLP2, RPS5, RPS6, RPS14, RPS15, RPS15A, RPS16, RPS18, RPS19, RPS21, RPS25, RPS27, RPS27A, RPS28, SNORA66, SNORD73A	BP	translational elongation	42	RPL17, RPL19, RPL15, RPL27A, RPL35, RPS15A, RPLP2, RPL36, RPS25, RPL30, RPS27, RPS28, RPL32, RPL7, RPL31, RPL34, RPLP1, RPL8, RPL3, RPL10, FAU, RPL12, RPS21, RPS27A, RPL35A, EEF1A1, RPL26, RPL27, RPL23A, RPL24, RPS6, RPS5, RPL28, RPL29, RPS18, RPS19, RPL23, RPS16, RPS14, RPL21, RPS15, RPL37A	85.71	7.82E-90	3.09E-87
			CC	ribosome	42	RPL17, RPL19, RPL15, RPL27A, RPL35, RPS15A, RPLP2, RPL36, RPS25, RPL30, RPS27, RPS28, RPL32, RPL7, RPL31, RPL34, RPLP1, RPL8, NPM1, RPL3, RPL10, FAU, RPL12, RPS21, RPS27A, RPL35A, RPL26, RPL27, RPL23A, RPL24, RPS6, RPS5, RPL28, RPL29, RPS18, RPS19, RPL23, RPS16, RPS14, RPL21, RPS15, RPL37A	85.71	5.28E-75	2.74E-73
			MF	structural constituent of ribosome	40	RPL17, RPL19, RPL15, RPL27A, RPL35, RPS15A, RPLP2, RPL36, RPL30, RPS27, RPS28, RPL32, RPL7, RPL31, RPL34, RPLP1, RPL8, RPL3, RPL10, FAU, RPL12, RPS21, RPS27A, RPL35A, RPL26, RPL27, RPL23A, RPL24, RPS6, RPS5, RPL28, RPL29, RPS18, RPS19, RPL23, RPS16, RPS14, RPL21, RPS15, RPL37A	81.63	5.20E-73	3.22E-71
12	42	ACADSB, BCCIP, APOL4, ASTN2, CCL5, CDHR4, CTSC, DHRS4L2, FBXL18, FGF5, GBP4, GPR98, GUSBP3, HHLA1, INMT, L2HGDH, LINC00485, MAB21L3, NCKAP5, ODF2L, ORC4, ORC6, PCSK5, PGM5P2, PRKAR2A.AS1, PRR11, RAB11FIP1, RASGRP3, REXO1L1, RHOT1P3, SCAI, SLC9A4, STX17, SVEP1, TSIX, TSSC2, UGT8, XPNPEP3, ZBTB8A, ZKSCAN3, ZNF471, ZNRF2P1	BP	NONE	-	NONE	-	-	-
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
13	26	ABHD4, ALG11, ADAMTSL3, ATP7A, C12orf50, C12orf55, CCDC125, CCDC141, CCDC150, CFLAR, FAM197Y6, KIAA1328, LINC00504, MIR143HG, MORC4, NME7, OPHN1, PEX13, RASEF, SBF2, SCN11A, SERPINB9, SHISA9, TADA2B, TMEM212, ZNF850	BP	cellular component biogenesis	5	ATP7A, SBF2, OPHN1, PEX13, ALG11	21.74	5.54E-03	9.05E-01
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
15	26	ABHD4, ALG9, AURKB, BIRC5, BUB1, CCNB2, CDC6, CDK1, CDK2, CENPF, DHFR, DSN1, DTL, FANCI, HMGB2, KIF4A, KIF15, MAD2L1, MLF1IP, NCAPG2, NUSAP1, PBK, RRM2, TOP2A, TPX2, UBE2T	BP	nuclear division	15	CDK1, CDC6, DSN1, KIF15, TPX2, CENPF, NUSAP1, BIRC5, PBK, AURKB, CDK2, CCNB2, MAD2L1, NCAPG2, BUB1	57.69	1.25E-19	4.99E-17
			CC	spindle	11	CDK1, CDC6, KIF4A, MAD2L1, KIF15, BUB1, TPX2, CENPF, NUSAP1, BIRC5, AURKB	42.31	1.07E-15	1.01E-13
			MF	ATP binding	11	CDK1, CDC6, KIF4A, KIF15, BUB1, TPX2, AURKB, PBK, TOP2A, UBE2T, CDK2	42.31	6.26E-05	6.43E-03
10	14	ABCA8, ACAT1, ADM, AKAP12, ALDOA, C5orf62, ENO2, EPAS1, HILPDA, IGFBP5, LGALS3, NRN1, TPI1, VEGFA	BP	glycolysis	3	ALDOA, TPI1, ENO2	23.08	4.80E-04	2.08E-01
			CC	extracellular region part	5	ALDOA, LGALS3, ADM, VEGFA, IGFBP5	38.46	4.41E-03	3.04E-01
			MF	protein binding	10	ALDOA, TPI1, LGALS3, EPAS1, ADM, VEGFA, ENO2, AKAP12, ACAT1, IGFBP5	76.92	1.96E-02	8.62E-01
7	13	ABCA1, ACAD8, AGT, AQP4, ATP1B2, ELOVL2, FABP7, GPM6A, HOPX, PTPRZ1, S100B, X7.Sep, SLC1A3	BP	nervous system development	6	SLC1A3, S100B, PTPRZ1, AGT, AQP4, FABP7	50.00	4.89E-04	2.64E-01
			CC	cell fraction	4	SLC1A3, AGT, ELOVL2, ABCA1	33.33	3.44E-02	8.90E-01
			MF	transporter activity	6	SLC1A3, GPM6A, ATP1B2, AQP4, ABCA1, FABP7	50.00	8.66E-04	1.14E-01
11	12	ABAT, ABR, ABCC9, ATP9B, CCDC122, CCDC170, MIPOL1, FAM221A, POLR2J4, SPDYE7P, TBC1D8B, TMEM45A	BP	regulation of Ras protein signal transduction	2	ABR, TBC1D8B	20.00	5.82E-02	1.00E+00
			CC	NONE	-	NONE	-	-	-
			MF	ATPase activity, coupled to transmembrane movement of substances	2	ABCC9, ATP9B	20.00	2.85E-02	9.12E-01
1	11	AATF, ABHD2, ATP5E, ATP5I, COX7C, COX6B1, NDUFA3, NDUFA4, ROMO1, RPL41, RPS26	BP	oxidative phosphorylation	4	NDUFA4, ATP5E, NDUFA3, ATP5I	36.36	3.76E-05	7.56E-03
			CC	mitochondrial inner membrane	6	NDUFA4, ATP5E, NDUFA3, COX6B1, COX7C, ATP5I	54.55	5.94E-07	3.92E-05
			MF	hydrogen ion transmembrane transporter activity	4	ATP5E, COX6B1, COX7C, ATP5I	36.36	1.66E-05	8.80E-04
2	11	AATF, ABCF3, ENO1, FAM162A, GPI, LDHA, PGK1, RPLP0, SEC61G, TMSB10, VDAC1	BP	glycolysis	4	GPI, LDHA, PGK1, ENO1	36.36	1.91E-06	4.36E-04
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
5	11	AATF, ABCF3, C6orf62, NFIB, PAFAH1B2, PPP1CB, SAR1A, SET, TLK1, TMEM33, TSPYL1	BP	response to DNA damage stimulus	3	AATF, TLK1, PPP1CB	27.27	1.34E-02	9.65E-01
			CC	nuclear lumen	5	TSPYL1, SET, AATF, PPP1CB, NFIB	45.45	5.95E-03	2.45E-01
			MF	NONE	-	NONE	-	-	-
6	11	AATF, ABHD4, B2M, CLU, GFAP, F3, HEPN1, IFITM3, LGALS3BP, PON2, PTN	BP	anti-apoptosis	3	F3, CLU, AATF	27.27	7.13E-03	8.78E-01
			CC	extracellular region	6	LGALS3BP, F3, CLU, PTN, PON2, B2M	54.55	2.60E-03	1.77E-01
			MF	protein binding	9	GFAP, LGALS3BP, HEPN1, F3, CLU, PTN, PON2, AATF, B2M	81.82	3.31E-02	7.73E-01
9	11	AATF, ABHD2, ACTB, CALM1, ATP6AP2, MIF, NGRN, PTTG1IP, TBCB, TMEM66, TUBB2A	BP	nervous system development	4	ACTB, TBCB, TUBB2A, NGRN	36.36	2.70E-02	9.99E-01
			CC	microtubule	3	TBCB, TUBB2A, CALM1	27.27	1.21E-02	5.31E-01
			MF	protein binding	7	ACTB, TBCB, ATP6AP2, TUBB2A, AATF, CALM1, MIF	63.64	9.18E-02	9.96E-01
16	10	AASS, ABCD3, NDUFA4, RPL41, RPS26, NME1.NME2, PHPT1, RPL36, RPS19, UBA52	BP	translational elongation	5	RPS26, RPS19, RPL41, RPL36, UBA52	55.56	1.69E-07	4.56E-05
			CC	cytosolic ribosome	5	RPS26, RPS19, RPL41, RPL36, UBA52	55.56	4.30E-08	2.71E-06
			MF	structural constituent of ribosome	5	RPS26, RPS19, RPL41, RPL36, UBA52	55.56	9.88E-07	5.34E-05
4	9	AASDHPPT, ABCB6, CALR, HSPA5, DNAJB11, HYOU1, MIR3652, PDIA6, PPIB	BP	protein folding	4	PPIB, DNAJB11, PDIA6, CALR	50.00	6.54E-05	1.53E-02
			CC	endoplasmic reticulum lumen	6	HYOU1, PPIB, DNAJB11, PDIA6, HSPA5, CALR	75.00	5.90E-11	4.19E-09
			MF	unfolded protein binding	4	PPIB, DNAJB11, HSPA5, CALR	50.00	1.46E-05	1.11E-03
8	8	AASDH, ABAT, BTG2, EGR1, DNAJB1, FOS, FOSB, HSPA1B	BP	response to organic substance	6	EGR1, FOS, BTG2, ABAT, DNAJB1, HSPA1B	75.00	6.61E-06	1.63E-03
			CC	synaptosome	2	FOS, ABAT	25.00	2.64E-02	6.29E-01
			MF	protein dimerization activity	3	FOS, ABAT, FOSB	37.50	2.38E-02	7.21E-01
19	8	AASDH, ABCC3, CCNE2, CDK2, MLF1IP, FEN1, GMNN, RFC4	BP	DNA replication	4	CCNE2, RFC4, FEN1, CDK2	50.00	8.07E-05	1.30E-02
			CC	nucleoplasm	4	CCNE2, RFC4, GMNN, CDK2	50.00	2.99E-03	1.44E-01
			MF	ATP binding	4	RFC4, ABCC3, CDK2, AASDH	50.00	2.40E-02	8.64E-01
21	8	AASDH, ABAT, MT1E, MT1M, CA12, MT1X, MT2A, MT3	BP	response to inorganic substance	3	ABAT, MT1X, MT3	37.50	2.04E-03	2.06E-01
			CC	cytoplasm	4	CA12, MT1E, ABAT, MT3	50.00	9.74E-02	9.83E-01
			MF	copper ion binding	4	MT1M, MT1E, MT1X, MT3	50.00	3.13E-06	1.34E-04
14	7	AARSD1, AASS, ARHGEF26.AS1, SPC25, SMYD4, SYNE2, XKR9	BP	cellular amino acid metabolic process	2	AASS, AARSD1	33.33	3.18E-02	9.02E-01
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
17	7	AARSD1, AASDHPPT, ACTG1, EMP1, ANXA2, GAP43, S100A10	BP	anatomical structure development	4	ACTG1, EMP1, GAP43, ANXA2	57.14	7.48E-02	1.00E+00
			CC	cell fraction	3	ACTG1, EMP1, ANXA2	42.86	4.03E-02	8.82E-01
			MF	NONE	-	NONE	-	-	-
18	7	AARSD1, AASS, CD74, HLA-B, HLA-A, HLA-C, IFI6	BP	antigen processing and presentation of peptide antigen	3	HLA-A, HLA-C, HLA-B, CD74	50.00	3.78E-05	9.07E-03
			CC	MHC class I protein complex	2	HLA-A, HLA-C, HLA-B	33.33	8.77E-03	3.39E-01
			MF	MHC class I receptor activity	2	HLA-A, HLA-C, HLA-B	33.33	5.60E-03	1.78E-01