Module			Enriched Subset						
ID	Gene Count	Genes		Top Ontology	Gene Count	Genes	%	PValue	Bonferroni
24	51	ACBD6, C19orf70, ALOX5, ARHGAP4, C1QA, C1QB, C1QC, C1orf38, C2, CD300A, CD53, ADAP2, CD68, CTSC, CTSS, CTSZ, FCER1G, FCGR2A, FCGR3A, FERMT3, GPSM3, HCK, HCST, ITGB2, LAIR1, LAPTM5, LCP1, LY96, LYN, MANBA, MFSD1, MS4A4A, MS4A6A, MSR1, MYO1F, NPC2, P2RX4, PLA2G15, PLEK, PTPN6, PTPRC, PYCARD, RNASE6, SASH3, SERPINB1, SLC7A7, SPI1, SYNGR2, TLR2, TYROBP, VAMP8, VSIG4	BP	immune response	18	PTPRC, LAIR1, LYN, LY96, GPSM3, TLR2, MYO1F, CTSS, C1QC, C1QA, C1QB, CD300A, FCER1G, CTSC, C2, FCGR3A, VSIG4, LCP1	34.62	8.50E-12	7.91E-09
			CC	lysosome	8	CTSZ, CD68, PLA2G15, LAPTM5, NPC2, CTSC, CTSS, MANBA	15.38	3.50E-06	4.55E-04
			MF	IgG binding	3	FCER1G, FCGR2A, FCGR3A	5.77	2.08E-04	4.08E-02
37	48	ACAP3, BRIX1, ALOX5, ARHGAP4, C2, CD300A, CD53, ADAP2, CD68, CTSS, FCER1G, FCGR2A, FERMT3, GPSM3, HCK, ITGB2, LAIR1, LAPTM5, LY96, LYN, MFSD1, MS4A4A, MS4A6A, MYO1F, NPC2, PTPN6, SASH3, SERPINB1, SLC7A7, SPI1, VAMP8, ARPC1B, CD14, FPR1, RAC2, SERPINA1, SQRDL, STAB1, ARHGDIB, CD4, HCLS1, LCP2, RHBDF2, TNFRSF1B, FUCA1, GMFG, GRN	BP	immune response	14	LAIR1, LYN, LY96, GPSM3, MYO1F, CTSS, TNFRSF1B, CD300A, FCER1G, CD4, C2, CD14, ARHGDIB, LCP2	29.79	5.57E-08	3.63E-05
			CC	receptor complex	5	LYN, LY96, ITGB2, CD4, CD14	10.64	3.18E-04	3.98E-02
			MF	signal transducer activity	16	MS4A4A, LAIR1, PTPN6, LYN, LY96, FPR1, ITGB2, ARHGAP4, TNFRSF1B, CD300A, STAB1, FCER1G, CD4, FCGR2A, MS4A6A, CD14	34.04	4.02E-04	6.87E-02
34	46	ACADM, BCS1L, ACSL1, ALOX5, C1orf38, CD300A, CD68, CTSC, CTSS, CTSZ, FCER1G, FCGR2A, FERMT3, ITGB2, LAIR1, LAPTM5, LCP1, MS4A4A, MSR1, MYO1F, NPC2, SLC7A7, TLR2, VAMP8, VSIG4, ADPGK, ARPC1B, CD14, ALOX5AP, CD163, CTSB, CTSL1, FPR1, IFI30, RAC2, SERPINA1, SLC11A1, SQRDL, SRGN, STAB1, CREG1, CTSD, FTL, MAFB, SLA	BP	response to external stimulus	14	FPR1, TLR2, ITGB2, CD163, SLC11A1, ACSL1, RAC2, STAB1, CTSD, SERPINA1, ALOX5, CTSB, VSIG4, CD14	31.11	1.04E-06	7.68E-04
			CC	lytic vacuole	12	SLC11A1, CTSZ, CD68, LAPTM5, NPC2, IFI30, CTSD, CTSC, CTSB, CTSS, CTSL1, SRGN	26.67	6.83E-12	1.09E-09
			MF	cysteine-type endopeptidase activity	5	CTSZ, CTSC, CTSB, CTSS, CTSL1	11.11	4.16E-05	6.97E-03
1	34	ABHD8, APOC1, CCNB1, CDC20, CDK1, CDK2, CKS1B, CTPS, DNMT1, FOXM1, KPNA2, LMNB1, LMNB2, MAD2L1, MCM2, MCM3, MCM4, MCM6, NUSAP1, PRC1, PTTG1, RACGAP1, RCC1, RNASEH2A, RRM2, SMC4, TOP2A, TPX2, TYMS, UBE2C, UBE2T, UHRF1, ZWINT	BP	cell cycle	21	CKS1B, CDK1, PRC1, FOXM1, TPX2, NUSAP1, CDC20, MCM2, PTTG1, UBE2C, MCM3, RCC1, RACGAP1, CDK2, SMC4, MCM6, CCNB1, UHRF1, MAD2L1, ZWINT, KPNA2	63.64	3.07E-19	1.58E-16
			CC	nucleus	27	CKS1B, LMNB1, PRC1, LMNB2, FOXM1, PTTG1, RCC1, TOP2A, CDK1, TPX2, NUSAP1, CDC20, MCM2, RNASEH2A, MCM3, UBE2C, RACGAP1, MCM4, CDK2, MCM6, SMC4, CCNB1, UHRF1, MAD2L1, ZWINT, DNMT1, KPNA2	81.82	7.73E-10	8.11E-08
			MF	ATP binding	12	CDK1, CTPS, TPX2, MCM2, MCM3, UBE2C, MCM4, TOP2A, UBE2T, CDK2, SMC4, MCM6	36.36	1.36E-04	1.90E-02
22	34	ABHD8, APOD, BGN, CD248, CD93, COL18A1, COL1A1, COL1A2, COL3A1, COL4A1, COL4A2, COL5A1, COL5A2, FN1, HSPG2, IGFBP4, IKBIP, ITGA5, LAMB1, LAMC1, LEPRE1, LOXL2, LUM, MMP14, MMP9, MYL9, MYO1C, PCOLCE, PDGFRB, SERPINH1, SPON2, UACA, WIPI1	BP	extracellular matrix organization	12	COL18A1, COL4A2, MMP9, LUM, COL3A1, COL1A2, HSPG2, LAMC1, COL1A1, SERPINH1, COL5A2, COL5A1	36.36	3.87E-17	1.79E-14
			CC	proteinaceous extracellular matrix	19	COL18A1, COL4A2, COL4A1, MMP9, CD248, LUM, COL3A1, HSPG2, MMP14, COL5A2, COL5A1, BGN, LEPRE1, COL1A2, COL1A1, LAMC1, LAMB1, SPON2, FN1	57.58	2.90E-23	4.20E-21
			MF	extracellular matrix structural constituent	13	COL18A1, COL4A2, COL4A1, LUM, COL3A1, COL5A2, COL5A1, BGN, COL1A2, LAMC1, COL1A1, LAMB1, FN1	39.39	6.50E-20	7.48E-18
23	31	ABHD2, ANKRD17, ADORA3, APBB1IP, APOC2, C3AR1, AIF1, CD37, CORO1A, CSF1R, CYBB, EVI2B, FCGR1A, FYB, HAVCR2, HLA-DMA, HLA-DMB, IL18, LAT2, LGALS9, LILRB4, LST1, LY86, NCKAP1L, PARVG, RGS10, RNASET2, RPS6KA1, TBXAS1, TREM2	BP	immune response	12	FYB, CORO1A, LAT2, CYBB, LST1, LY86, IL18, FCGR1A, LILRB4, HLA-DMB, TREM2, HLA-DMA	40.00	1.39E-08	7.17E-06
			CC	plasma membrane	18	PARVG, C3AR1, ADORA3, AIF1, LY86, NCKAP1L, HLA-DMB, HLA-DMA, APBB1IP, CORO1A, LAT2, CD37, CYBB, FCGR1A, LILRB4, EVI2B, TREM2, CSF1R	60.00	3.18E-05	3.55E-03
			MF	molecular transducer activity	10	RGS10, C3AR1, ADORA3, IL18, FCGR1A, LILRB4, TREM2, HLA-DMA, LGALS9, CSF1R	33.33	5.81E-03	5.39E-01
46	26	ABHD10, AK4, CNN2, COL1A1, COL1A2, COL3A1, CLIC1, COL6A1, COL5A1, COL6A2, FBLIM1, FN1, IKBIP, ITGA5, LEPRE1, LUM, MMP14, MYL9, MYO1C, NRP1, PCOLCE, RCN3, THBS1, TPM4, VASP	BP	collagen fibril organization	5	LUM, COL3A1, COL1A2, COL1A1, COL5A1	20.83	6.80E-08	3.51E-05
			CC	extracellular matrix	11	LEPRE1, LUM, COL3A1, COL1A2, COL6A2, COL6A1, COL1A1, MMP14, THBS1, COL5A1, FN1	45.83	1.80E-11	2.39E-09
			MF	platelet-derived growth factor binding	5	COL3A1, COL1A2, COL6A1, COL1A1, COL5A1	20.83	1.09E-09	1.29E-07
26	24	ABCF3, AGGF1, ADPGK, ARPC1B, CD14, ALOX5AP, CD163, CTSB, CTSL1, F13A1, FPR1, HMOX1, IFI30, RAC2, RNF149, S100A8, S100A9, SERPINA1, SLC11A1, SQRDL, SRGN, STAB1, TCIRG1	BP	response to external stimulus	12	SLC11A1, S100A8, RAC2, STAB1, HMOX1, F13A1, S100A9, FPR1, SERPINA1, CTSB, CD14, CD163	52.17	1.53E-08	9.49E-06
			CC	extracellular region	11	AGGF1, ADPGK, HMOX1, F13A1, IFI30, SERPINA1, CTSB, CTSL1, CD14, SRGN, CD163	47.83	5.61E-05	5.60E-03
			MF	kininogen binding	2	CTSB, CTSL1	8.70	4.35E-03	4.45E-01
4	21	ABCE1, ADD3, GAS5, RPL10, RPL17, RPL24, RPL27, RPL31, RPL34, RPL37A, RPL39, RPL5, RPL9, RPS13, RPS15A, RPS27, RPS27A, RPS3A, RPS8, SNHG6	BP	translational elongation	16	RPL17, RPL27, RPS15A, RPL24, RPL39, RPS8, RPS27, RPS3A, RPL31, RPL34, RPL9, RPS13, RPL10, RPL5, RPL37A, RPS27A	80.00	3.54E-32	8.46E-30
			CC	ribosome	16	RPL17, RPL27, RPS15A, RPL24, RPL39, RPS8, RPS27, RPS3A, RPL31, RPL34, RPL9, RPS13, RPL10, RPL5, RPL37A, RPS27A	80.00	7.43E-27	3.56E-25
			MF	structural constituent of ribosome	16	RPL17, RPL27, RPS15A, RPL24, RPL39, RPS8, RPS27, RPS3A, RPL31, RPL34, RPL9, RPS13, RPL10, RPL5, RPL37A, RPS27A	80.00	3.35E-28	1.51E-26
39	17	ABCB7, ACOX1, CD248, CD93, HSPG2, LAMC1, PDGFRB, UACA, ANGPT2, LAMA4, MCAM, ENG, MYH9, MYO1B, NOTCH3, PLXND1	BP	anatomical structure morphogenesis	9	NOTCH3, HSPG2, PDGFRB, LAMC1, MYH9, MCAM, PLXND1, ENG, ANGPT2	56.25	2.28E-06	1.14E-03
			CC	basal lamina	3	LAMA4, HSPG2, LAMC1	18.75	1.12E-04	1.12E-02
			MF	protein binding	14	ACOX1, MYO1B, HSPG2, MYH9, MCAM, NOTCH3, LAMA4, UACA, CD93, PDGFRB, LAMC1, PLXND1, ENG, ANGPT2	87.50	8.42E-03	5.56E-01
43	16	ABCB6, ACP2, COL6A1, COL1A1, ITGA5, LAMB1, LOXL2, SERPINH1, COL6A2, FBLIM1, PLEKHB1, NRP1, RCN3, TPM4, VASP	BP	cell adhesion	7	NRP1, ITGA5, COL6A2, FBLIM1, COL6A1, LAMB1, LOXL2	46.67	1.85E-05	5.13E-03
			CC	proteinaceous extracellular matrix	4	COL6A2, COL6A1, COL1A1, LAMB1	26.67	2.49E-03	2.38E-01
			MF	extracellular matrix structural constituent	3	COL6A2, COL1A1, LAMB1	20.00	2.78E-03	1.99E-01
10	15	ABCA3, ACAD11, ACBD5, ARHGAP12, CBARA1, CLASP2, CNTN1, CSTF2T, DIP2B, FAM190B, KIAA1279, RAB18, WAC, ZMYND11	BP	NONE	-	NONE	-	-	-
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
21	15	ABCA3, ACAD9, CKAP4, FNDC3B, FAM114A1, FURIN, P4HB, PDIA3, RBMS1, SEC24D, SEC31A, SRPR, TMEM214, TXNDC5	BP	establishment of localization in cell	6	SEC31A, PDIA3, SRPR, TXNDC5, FURIN, SEC24D	42.86	1.55E-04	2.91E-02
			CC	endoplasmic reticulum	9	P4HB, SEC31A, PDIA3, SRPR, TXNDC5, CKAP4, FURIN, SEC24D, FNDC3B	64.29	1.68E-07	1.36E-05
			MF	isomerase activity	3	P4HB, PDIA3, TXNDC5	21.43	3.29E-03	2.59E-01
18	13	ABCA1, ABHD4, KIAA1949, MAP2K3, CLIC1, METRNL, PLAU, PLAUR, SLC16A3, SOCS3, TAGLN, THBS1	BP	response to external stimulus	6	SOCS3, MAP2K3, CLIC1, THBS1, PLAU, PLAUR	50.00	1.14E-04	5.31E-02
			CC	plasma membrane	6	SLC16A3, CLIC1, ABCA1, THBS1, PLAU, PLAUR	50.00	3.97E-02	9.28E-01
			MF	anion transmembrane transporter activity	2	CLIC1, ABCA1	16.67	9.30E-02	1.00E+00
38	13	ABCA1, ABTB1, GIMAP4, HLA-DMA, HLA-DMB, CD74, HLA-DOA, HLA-DPB1, HLA-DPA1, HLA-DQB1, HLA-DRA, HLA-DRB1	BP	antigen processing and presentation of peptide or polysaccharide antigen via MHC class II	9	HLA-DQB1, HLA-DRB1, HLA-DPA1, HLA-DPB1, HLA-DMB, HLA-DOA, HLA-DMA, CD74, HLA-DRA	75.00	1.60E-20	4.37E-18
			CC	MHC class II protein complex	8	HLA-DQB1, HLA-DRB1, HLA-DPA1, HLA-DPB1, HLA-DMB, HLA-DOA, HLA-DMA, HLA-DRA	66.67	3.65E-18	1.94E-16
			MF	MHC class II receptor activity	7	HLA-DQB1, HLA-DRB1, HLA-DPA1, HLA-DPB1, HLA-DOA, HLA-DMA, HLA-DRA	58.33	7.46E-16	4.66E-14
11	12	ABAT, ABHD11, GPM6B, GPRC5B, C5orf4, ITPK1, KCNJ10, PAQR8, PHLPP1, PLEKHB1, USP54	BP	NONE	-	NONE	-	-	-
			CC	membrane part	7	PHLPP1, PLEKHB1, C5ORF4, KCNJ10, PAQR8, GPM6B, GPRC5B	63.64	5.87E-02	9.11E-01
			MF	NONE	-	NONE	-	-	-
13	12	ABAT, ABHD12, CAPN3, DBNDD2, MBP, C7orf41, PLP1, QDPR, RAB40B, SEPT4, TF	BP	synaptic transmission	3	PLP1, ABAT, MBP	27.27	8.70E-03	8.59E-01
			CC	compact myelin	2	PLP1, MBP	18.18	2.26E-03	1.35E-01
			MF	structural constituent of myelin sheath	2	PLP1, MBP	18.18	2.97E-03	1.81E-01
17	12	ABAT, ABCG1, ARID1A, CREBBP, CNOT1, HCFC1, PHF12, SAP130, SNRNP200, SRCAP, UBAP2L	BP	nitrogen compound metabolic process	9	SAP130, SNRNP200, CREBBP, ABAT, HCFC1, ARID1A, CNOT1, PHF12, SRCAP	81.82	1.80E-04	4.60E-02
			CC	macromolecular complex	8	SAP130, SNRNP200, CREBBP, ABAT, HCFC1, ARID1A, PHF12, SRCAP	72.73	7.94E-05	5.62E-03
			MF	transcription activator activity	5	SAP130, CREBBP, HCFC1, ARID1A, SRCAP	45.45	5.99E-05	5.67E-03
25	12	ABAT, ABHD10, ARHGDIB, CD4, HCLS1, C1orf162, LCP2, RHBDF2, STAT6, TGFBR2, TNFRSF1B	BP	immune system process	6	TNFRSF1B, HCLS1, TGFBR2, CD4, ARHGDIB, LCP2	54.55	3.26E-05	1.30E-02
			CC	membrane raft	3	TNFRSF1B, TGFBR2, CD4	27.27	3.44E-03	1.98E-01
			MF	enzyme binding	3	TGFBR2, ABAT, CD4	27.27	2.90E-02	9.27E-01
2	11	AATF, ABCF1, CCT3, DHX9, HNRNPA3, HNRNPR, HNRNPU, ILF2, RBMX, SFPQ	BP	RNA splicing	6	HNRNPA3, DHX9, SFPQ, RBMX, HNRNPR, HNRNPU	60.00	3.75E-07	4.84E-05
			CC	ribonucleoprotein complex	7	ABCF1, HNRNPA3, DHX9, ILF2, RBMX, HNRNPR, HNRNPU	70.00	8.65E-08	4.06E-06
			MF	RNA binding	7	HNRNPA3, DHX9, ILF2, SFPQ, RBMX, HNRNPR, HNRNPU	70.00	8.27E-07	4.38E-05
3	11	AATF, ABCE1, AP1M1, C19orf29, CHERP, FZR1, KHSRP, MED16, RAVER1, WIZ	BP	RNA metabolic process	5	ABCE1, CHERP, MED16, C19ORF29, KHSRP	50.00	5.76E-04	1.11E-01
			CC	intracellular membrane-bounded organelle	10	ABCE1, AP1M1, FZR1, CHERP, MED16, RAVER1, C19ORF29, KHSRP, AATF, WIZ	100.00	2.01E-03	9.94E-02
			MF	RNA binding	3	CHERP, RAVER1, KHSRP	30.00	6.48E-02	9.78E-01
29	11	AATF, ABCF1, BCAN, NKAIN4, LMF1, OLIG1, OLIG2, SCHIP1, SOX8, TNK2	BP	cell fate commitment	3	OLIG1, OLIG2, SOX8	30.00	1.96E-03	3.41E-01
			CC	NONE	-	NONE	-	-	-
			MF	transcription regulator activity	4	OLIG1, AATF, OLIG2, SOX8	40.00	2.56E-02	8.24E-01

40	11	AATF, ABCE1, ANXA2, CALR, CHPF2, HSPA5, MANF, PDIA4, PLOD3, TUBA1C	BP	response to biotic stimulus	3	ABCE1, HSPA5, MANF	30.00	1.85E-02	9.96E-01
			CC	endoplasmic reticulum lumen	3	PDIA4, HSPA5, CALR	30.00	8.79E-04	7.12E-02
			MF	enzyme inhibitor activity	3	ABCE1, HSPA5, ANXA2	30.00	1.05E-02	6.77E-01
5	10	AASS, ABCB7, RPL13AP5, RPL18, RPS15, RPS16, RPS19, RPS5, RPS9	BP	NONE	-	NONE	-	-	-
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
7	10	AASS, ABCD3, B2M, HLA-B, HLA-A, HLA-C, PSMB8, PSMB9, TAP1	BP	antigen processing and presentation	5	HLA-A, HLA-C, HLA-B, PSMB8, PSMB9, B2M	62.50	3.84E-08	6.33E-06
			CC	MHC class I protein complex	3	HLA-A, HLA-C, HLA-B, B2M	37.50	6.24E-05	3.55E-03
			MF	MHC class I receptor activity	2	HLA-A, HLA-C, HLA-B	25.00	7.83E-03	3.61E-01
30	10	AASS, ABCB7, ATP1A3, ATP6V1G2, LINGO1, PDXP, SEPT3, SYNGR1, WASF1	BP	NONE	-	NONE	-	-	-
			CC	synaptic vesicle membrane	2	ATP6V1G2, SYNGR1	2.27	1.15E-02	6.17E-01
			MF	ATPase activity, coupled to transmembrane movement of substances	3	ATP1A3, ATP6V1G2, ABCB7	3.41	1.05E-03	6.52E-02
41	10	AASS, ABCF2, CLASP2, GATS, GNAO1, MAPT, NCAM1, PHYHIPL, SEPT8	BP	regulation of microtubule depolymerization	2	MAPT, CLASP2	22.22	6.78E-03	7.42E-01
			CC	protein complex	5	ABCF2, GNAO1, MAPT, CLASP2, SEPT8	55.56	1.62E-02	6.64E-01
			MF	microtubule binding	2	MAPT, CLASP2	22.22	2.82E-02	7.98E-01
47	10	AASS, ABCD3, CD248, CD93, HSPG2, LAMC1, CALD1, FSTL1, PLOD1	BP	cellular component organization	6	CD93, CALD1, HSPG2, ABCD3, AASS, LAMC1	66.67	2.64E-03	3.71E-01
			CC	basal lamina	2	HSPG2, LAMC1	22.22	8.52E-03	4.60E-01
			MF	carbohydrate binding	3	CD93, CD248, FSTL1	33.33	1.39E-02	6.30E-01
6	9	AASDHPPT, ABCA1, ATP5D, GADD45GIP1, NDUFA11, NDUFA13, NDUFA7, NDUFB7	BP	generation of precursor metabolites and energy	5	ATP5D, NDUFB7, NDUFA7, NDUFA13, NDUFA11	62.50	7.87E-06	2.20E-03
			CC	respiratory chain	4	NDUFB7, NDUFA7, NDUFA13, NDUFA11	50.00	3.48E-06	2.22E-04
			MF	NADH dehydrogenase (quinone) activity	3	NDUFB7, NDUFA7, NDUFA13	37.50	1.17E-04	8.88E-03
16	9	AASDHPPT, ABCA1, BMPR2, CAMSAP1L1, NCKAP1, NDUFS1, USP34, ZFP91	BP	regulation of cell differentiation	3	ZFP91, BMPR2, ABCA1	37.50	1.66E-02	9.98E-01
			CC	membrane raft	2	BMPR2, ABCA1	25.00	5.27E-02	9.79E-01
			MF	NONE	-	NONE	-	-	-
19	9	AASDHPPT, ABCA3, GLUD1, PEA15, RFTN2, SYT11, TIMP1, TMSB10	BP	NONE	-	NONE	-	-	-
			CC	cytoplasmic membrane-bounded vesicle	3	SYT11, ABCA3, TIMP1	37.50	2.23E-02	7.48E-01
			MF	NONE	-	NONE	-	-	-
20	9	AASDHPPT, ABCA1, ALDOC, IL17D, NDRG2, GLT25D1, PMM2, THRA	BP	cellular carbohydrate metabolic process	3	GLT25D1, ALDOC, PMM2	37.50	1.44E-02	9.81E-01
			CC	cytoplasmic part	6	GLT25D1, AASDHPPT, THRA, ALDOC, ABCA1, NDRG2	75.00	3.21E-02	8.28E-01
			MF	NONE	-	NONE	-	-	-
27	9	AASDHPPT, ABCA1, CCDC124, CLPP, ARMC6, DDX49, CDC34, HDGFRP2	BP	macromolecule metabolic process	4	AASDHPPT, CLPP, CDC34, ABCA1	50.00	6.62E-02	1.00E+00
			CC	NONE	-	NONE	-	-	-
			MF	ATP binding	4	DDX49, CLPP, CDC34, ABCA1	50.00	1.48E-02	6.47E-01
44	9	AASDHPPT, ABCA1, CALD1, CALU, FLNA, LMAN1, MRC2, PTPN12	BP	vesicle-mediated transport	4	MRC2, ABCA1, LMAN1, FLNA	50.00	1.23E-03	2.68E-01
			CC	cytoplasmic part	7	AASDHPPT, CALD1, ABCA1, LMAN1, FLNA, PTPN12, CALU	87.50	4.37E-03	3.02E-01
			MF	small GTPase binding	2	ABCA1, FLNA	25.00	4.58E-02	9.84E-01
8	8	AARSD1, AASS, CDC42BPB, CHD8, HECTD1, PPP2R5E, YLPM1	BP	cellular amino acid metabolic process	2	AASS, AARSD1	28.57	7.75E-02	1.00E+00
			CC	NONE	-	NONE	-	-	-
			MF	catalytic activity	5	CHD8, AASS, AARSD1, CDC42BPB, HECTD1	71.43	5.03E-02	9.77E-01
9	8	AARSD1, AASS, ALDH6A1, ARHGAP5, EXD2, KIAA1737, MUDENG	BP	cellular amino acid metabolic process	3	ALDH6A1, AASS, AARSD1	42.86	2.47E-03	2.55E-01
			CC	NONE	-	NONE	-	-	-
			MF	catalytic activity	5	ALDH6A1, ARHGAP5, AASS, EXD2, AARSD1	71.43	5.03E-02	9.52E-01
12	8	AARSD1, AASS, DDX50, MRPS16, MARCH5, SAR1A, VPS26A	BP	cellular amino acid metabolic process	2	AASS, AARSD1	28.57	7.75E-02	9.99E-01
			CC	mitochondrion	3	MRPS16, AASS, MARCH5	42.86	5.82E-02	9.65E-01
			MF	NONE	-	NONE	-	-	-
14	8	AARSD1, AASS, CABIN1, CRKL, DGCR2, HIRA, HPS4	BP	cellular component organization	4	HPS4, HIRA, CABIN1, AASS	57.14	7.26E-02	1.00E+00
			CC	NONE	-	NONE	-	-	-
			MF	NONE	-	NONE	-	-	-
15	8	AARSD1, AASS, ATXN10, NHP2L1, L3MBTL2, PPP6R2, RANGAP1	BP	cellular amino acid metabolic process	2	AASS, AARSD1	33.33	7.75E-02	1.00E+00
			CC	perinuclear region of cytoplasm	2	ATXN10, RANGAP1	33.33	8.73E-02	9.94E-01
			MF	NONE	-	NONE	-	-	-
28	8	AARSD1, AASS, APEX1, PARP2, PRMT5, RBM23, SUPT16H	BP	RNA metabolic process	5	RBM23, PRMT5, SUPT16H, AARSD1, APEX1	71.43	2.61E-04	3.56E-02
			CC	nuclear lumen	4	RBM23, SUPT16H, APEX1, PARP2	57.14	1.22E-02	3.42E-01
			MF	catalytic activity	6	PRMT5, SUPT16H, AASS, AARSD1, APEX1, PARP2	85.71	2.04E-02	7.95E-01
31	8	AARSD1, ABCA1, ANGPT2, COL4A1, COL4A2, LAMA4, MCAM	BP	regulation of developmental process	4	LAMA4, COL4A2, ABCA1, ANGPT2	57.14	1.01E-03	1.70E-01
			CC	basement membrane	3	LAMA4, COL4A2, COL4A1	42.86	3.52E-04	1.53E-02
			MF	extracellular matrix structural constituent	3	LAMA4, COL4A2, COL4A1	42.86	4.71E-04	2.60E-02
32	8	AARSD1, AASS, GNAO1, RUNDC3A, SCAMP5, SHC1, SYP	BP	regulation of multicellular organismal process	3	SYP, GNAO1, SCAMP5	42.86	5.52E-02	1.00E+00
			CC	plasma membrane	5	SYP, GNAO1, RUNDC3A, SHC1, SCAMP5	71.43	3.13E-02	8.56E-01
			MF	protein complex binding	3	SYP, GNAO1, SHC1	42.86	2.42E-03	1.52E-01
33	8	AARSD1, AATF, C1orf85, CTSA, GRN, HEXA, NEU1	BP	NONE	-	NONE	-	-	-
			CC	lysosome	4	C1ORF85, HEXA, NEU1, CTSA	57.14	4.47E-05	1.87E-03
			MF	hydrolase activity, hydrolyzing O-glycosyl compounds	2	HEXA, NEU1	28.57	3.07E-02	7.83E-01
35	8	AARSD1, ABCA1, HLA-DMA, CD74, HLA-DOA, HLA-DPB1, HLA-DQA1	BP	antigen processing and presentation of peptide or polysaccharide antigen via MHC class II	5	HLA-DPB1, HLA-DOA, HLA-DMA, CD74, HLA-DQA1	71.43	3.70E-10	1.07E-07
			CC	MHC class II protein complex	4	HLA-DPB1, HLA-DOA, HLA-DMA, HLA-DQA1	57.14	1.09E-07	5.75E-06
			MF	MHC class II receptor activity	4	HLA-DPB1, HLA-DOA, HLA-DMA, HLA-DQA1	57.14	3.34E-08	2.00E-06
36	8	AARSD1, AASS, FBXW11, HINT3, GMFB, LANCL1, QKI	BP	carboxylic acid metabolic process	3	AASS, QKI, AARSD1	42.86	1.43E-02	8.94E-01
			CC	cytoplasm	6	HINT3, LANCL1, AASS, QKI, AARSD1, FBXW11	85.71	7.62E-02	9.33E-01
			MF	NONE	-	NONE	-	-	-
42	8	AARSD1, ABCA1, CSF2RA, APBB1IP, C3AR1, TREM2, GPR34	BP	G-protein coupled receptor protein signaling pathway	3	C3AR1, GPR34, ABCA1	42.86	5.38E-02	1.00E+00
			CC	plasma membrane	6	C3AR1, GPR34, ABCA1, TREM2, APBB1IP, CSF2RA	85.71	3.62E-03	1.66E-01
			MF	receptor activity	5	C3AR1, GPR34, ABCA1, TREM2, CSF2RA	71.43	9.77E-04	7.52E-02
45	8	AARSD1, AATF, ASCC1, ZMYND11, ADD3, CAMK2G, PHYHIPL	BP	NONE	-	NONE	-	-	-
			CC	cytoplasm	6	PHYHIPL, CAMK2G, ASCC1, AATF, AARSD1, ADD3	85.71	7.62E-02	9.79E-01
			MF	calmodulin binding	2	CAMK2G, ADD3	28.57	4.54E-02	9.15E-01
48	8	AARSD1, AASS, CAPZA1, DTX3, ARPC2, NTAN1, TPM3	BP	cell motion	3	ARPC2, CAPZA1, TPM3	42.86	1.55E-02	8.29E-01
			CC	actin cytoskeleton	3	ARPC2, CAPZA1, TPM3	42.86	4.09E-03	1.61E-01
			MF	actin binding	3	ARPC2, CAPZA1, TPM3	42.86	6.54E-03	2.16E-01