

Supplementary table 3. Collection of genes most associated with glycosylation and glycosylation

Number	Genes	Number	Genes	Number	Genes
1	S100A12	77	HSP90B1	153	HM13
2	LYZ	78	KLRB1	154	SSR3
3	FCER1G	79	CST3	155	ABCB9
4	S100A11	80	PRF1	156	C1orf186
5	TSPO	81	GZMB	157	SEMA4A
6	GCA	82	KLRD1	158	MYDGF
7	LGALS1	83	GNLY	159	RRBP1
8	TYROBP	84	FTL	160	IRF4
9	NAMPT	85	TPM4	161	MGST1
10	MNDA	86	FERMT3	162	SEC11C
11	PLAC8	87	RIOK3	163	CANX
12	CD63	88	YWHAH	164	SEC61B
13	S100A6	89	CCR7	165	TALDO1
14	BRI3	90	CTSA	166	PGD
15	GYG1	91	TLN1	167	MAN1A1
16	CYBB	92	LINC00657	168	GAPDH
17	TXN	93	SNAP23	169	PDIA6
18	SERPINA1	94	PTPN18	170	RP11-279O9.4
19	ALOX5AP	95	NCOA4	171	PYCR1
20	S100A4	96	LAMTOR1	172	GALNT2
21	GRN	97	2-Mar	173	RPN2
22	TKT	98	RAB11A	174	FAM46C
23	APLP2	99	LIMS1	175	APP
24	BCL2A1	100	LTB	176	RAB13
25	LST1	101	CDKN2D	177	RAB32
26	NFKBIA	102	HBB	178	TIMP2
27	CST7	103	ILK	179	SLC44A1
28	CTSS	104	NAP1L1	180	EAF2
29	LCP1	105	OAZ1	181	GGH
30	EFHD2	106	RGS10	182	MSRB3
31	STXBP2	107	VCL	183	TCF4
32	SLC2A3	108	TGFB1	184	DNAJB11
33	SPI1	109	PLEKHO1	185	IGHA1
34	ANXA1	110	MTPN	186	GALNT7
35	SERPINB1	111	H2AFJ	187	KCNN3
36	PSAP	112	GPX1	188	STT3B
37	NAIP	113	ETFA	189	MPO
38	SRGN	114	EIF2AK1	190	BMP8B
39	ITGB2	115	HIST1H2AC	191	CAT
40	MARCKS	116	RSU1	192	RNASE2

41	CKLF	117	ACTN1	193	XXYLT1
42	JAML	118	CALM3	194	MIXL1
43	METTL9	119	OST4	195	MTDH
44	TYMP	120	RAP1B	196	RP11-16E12.2
45	CSGALNACT 2	121	TLK1	197	CD38
46	VIM	122	NT5C3A	198	OSTC
47	NCF2	123	TAGLN2	199	CREG1
48	ANXA2	124	LAT	200	NANS
49	LGALS3	125	MAX	201	MGAT2
50	CEBPB	126	GNAS	202	HSPA5
51	ZEB2	127	GRAP2	203	MYB
52	NEAT1	128	GPX4	204	RPN1
53	ANXA5	129	NDUFAF3	205	CHSY1
54	CTSD	130	SVIP	206	LPCAT2
55	H2AFY	131	NCK2	207	B9D1
56	CYBA	132	KIF2A	208	SPATS2
57	AHNAK	133	PRDX6	209	IL3RA
58	UGCG	134	MZB1	210	RTN3
59	CAPG	135	DERL3	211	CD34
60	GALNT1	136	TNFRSF17	212	ALG2
61	CEBPD	137	ITM2C	213	PPP1R14B
62	PYCARD	138	TXNDC5	214	LMO2
63	SDCBP	139	JCHAIN	215	PPIB
64	SAMSN1	140	UBE2J1	216	HERPUD1
65	GLRX	141	GLDC	217	FUT4
66	SH3GLB1	142	IGF1	218	PARM1
67	IQGAP1	143	HRASLS2	219	CCDC88A
68	RGL4	144	CHPF	220	BIK
69	IFITM2	145	NT5DC2	221	HDLBP
70	AIF1	146	ELL2	222	FKBP1A
71	NKG7	147	CAV1	223	TXNDC11
72	HLA-DRB1	148	STT3A	224	CD59
73	HOPX	149	ST6GALNAC4	225	CTA-293F17. 1
74	FCGR3A	150	PDIA4	226	ST3GAL4
75	S100A9	151	RP11-1070N10. 3	227	SOX4
76	S100A8	152	P4HB	228	GSN
