

# PROTEOMICS

## Supporting Information for Proteomics

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**Focused glycomic analysis of the *N*-linked glycan  
biosynthetic pathway in ovarian cancer**

**Supplementary Table I.**

<b>Gene</b>	<b>Abbreviation</b>	<b>Species</b>	<b>Accession #</b>	<b>Forward Primer (5' to 3')</b>	<b>Reverse Primer (5' to 3')</b>
Mannoside acetylglucosaminyltransferase 1	Mgat1	Mouse	NM_010794	CCCTTCACCCAGTTGGACCTG	GCACCATAGACCTGGGCGAG
		Human	NM_002406	GTGATTCCCATCCTGGTCAT	TAATGCAGCAGCTTGTCCAG
Mannoside acetylglucosaminyltransferase 2	Mgat2	Mouse	NM_146035	TGCTGGAGACTGTGGTATGC	ACTCAATTTGGGCACTCTGG
		Human	NM_002408	AGCAAGAGTGCCTGAATGT	TGCCATAGAAACTGCGACTG
Mannoside acetylglucosaminyltransferase 3	Mgat3	Mouse	NM_010795	GCGTGATGGTGTGCTGTTCC	ACAGGGACTTCCGCATGTGG
		Human	NM_002409	CGAGGGCATCTACTTCAAGC	CGCTTGTCTCGTAGTCACC
Mannoside acetylglucosaminyltransferase 4, isoenzyme A	Mgat4a	Mouse	NM_173870	GCGACAGACAGAAGGC AAACC	CCGACAGAGACGAGTGTAGGC
		Human	NM_012214	AAGGTCTACCAAGGGC ATACG	TATCGGTGTGATAGCCCAGAA
Mannoside acetylglucosaminyltransferase 4, isoenzyme B	Mgat4b	Mouse	NM_145926	AGGTGACGTGGTGGACATTT	GCTTCAGGCTCTCTTGCTCA
		Human	NM_014275	TGCACTCGTACCTGACTGACA	GACCGAGTCTCTTCTCTCT
Mannoside N-acetylglucosaminyltransferase V	Mgat5	Mouse	NM_145128	CCCTGGAAGTTGTCTCTCA	TCCTCTGCCAGTGCCTTAAT
		Human	NM_002410	AGCCTGAAAGCAGCTCCAT	GCCAGTGCCTTGATGTACCT
Mannosidase 2, alpha 1 (Man2a1)	ManII	Mouse	NM_008549	CTCTGGTGTCCGTGCTGGTG	AATAGGCAGGACTGGCGAACC
		Human	NM_002372	GAGTGAGTCTGTGGAGGATGG	GAAGATGTGAGCCAGCACCT
Mannosidase 2, alpha 2 (Man2a2)	ManIIx	Mouse	NM_172903	AAGCAGGTGACGGTGTGTGG	TGCACTCGGTCCAGCATAAGG
		Human	NM_006122	GCCCAGCTTCTTCTCCATCT	TGCAGCTCTGGCTTCTGAC
Fucosyltransferase 8	Fut8	Mouse	NM_016893	AACAGAAGCAGCCTTCCACCC	CATTCTGCGTGCGAGAAGCTG
		Human	NM_178154	GGTTCGAGCTTCCCATTGTAG	GCGAGGTCTTCTGGTACAGC
Ribosomal Protein L4*	RPL4	Mouse	NM_024212	GACAGCCCTATGCCGTCAGTG	GCCACAGCTCTGCCAGTACC
		Human	NM_000968	AGAAGGCTGCTGTTGGTGTT	TGGTTTCTTGGTAGCTGCTG

\*Normalization control gene