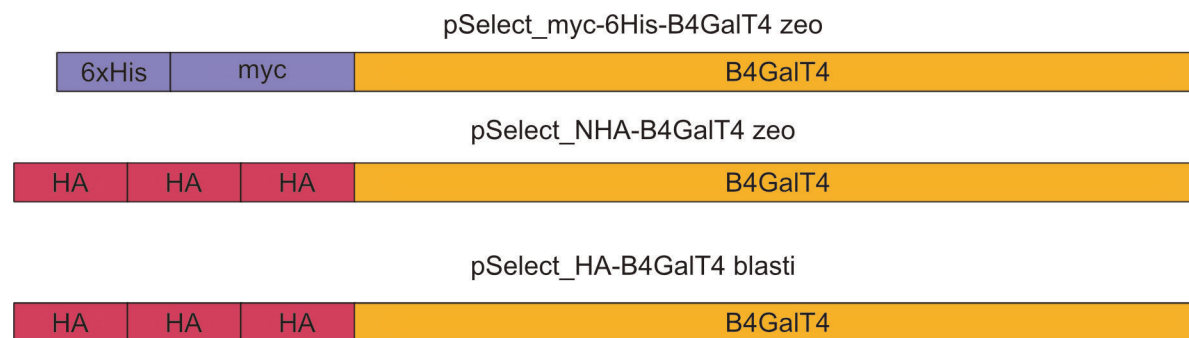
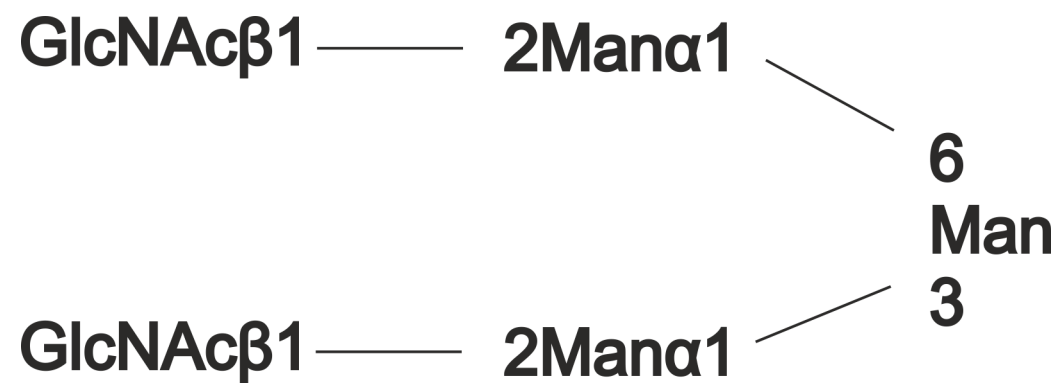


a



b



C

Alignment of *B4GalT4* CDS regions targeted for creation of gene A375 knock-out cell lines

B4GalT4 (bp281-454)	CAGATCTCACTTTGGAAGAGGTACAGGCAGAAAATCCCAAAGTGTCCAGAGGCCGGTATC	60
A14.9-2_pJET1.2-for	CAGATCTCACTTTGGAAGAGGTACAGGCAGAAAATCCCAAAGTGTCCAGAGGCCGGTATC	60
A14.9-6_pJET1.2-for	CAGATCTCACTTTGGAAGAGGTACAGGCAGAAAATCCCAAAGTGTCCAGAGGCCGGTATC	60
A14.9-8_pJET1.-2-for	CAGATCTCACTTTGGAAGAGGTACAGGCAGAAAATCCCAAAGTGTCCAGAGGCCGGTATC	60
B4GalT4 (bp281-454)	GCCCTCAGGAATGTAAAGCTTTACAGAGGGTCGCCATCCTCGTTCCCCACCGGAACAGAG	120
A14.9-2_pJET1.2-for	GCCCTCAGGAATGTAAAGCTTTACAGAGGGTCGCCATCCTCGTTCCCCACCGGAACAGAG	120
A14.9-6_pJET1.2-for	GCCCTGAGGAATGTAAAGCTTTACAGAGGGTCGCCATCCTCGTTCCCCACCGGAACAGAG	120
A14.9-8_pJET1.-2-for	GCCCTCAGGAATGTAAAGCTTTACAGAGGGTCGCCATCCTCGTTCCCCACCGGAACAGAG	120
B4GalT4 (bp281-454)	AGAAACACCT-----	130
A14.9-2_pJET1.2-for	AGAAACATCAGTCCCCACCGGAACAGAGAGA-----	151
A14.9-6_pJET1.2-for	AGAAACACCTGATGTACCGTCCCCACCGGAACAGAGAGAAACACCTGATGTACCCCCAC	180
A14.9-8_pJET1.-2-for	AGAAACACCTGATGTACCCCCACCGGAAC-----	150
B4GalT4 (bp281-454)	-----GATGTACCTGCTGGAACATCTGCATCCCTTCCTGCA	166
A14.9-2_pJET1.2-for	-----AACACCTGATGTACCTGCTGGAACATCTGCATCCCTTCCTGCA	194
A14.9-6_pJET1.2-for	CGGAACAGAGAGAAACACCTGATGTACCTGCTGGAACATCTGCATCCCTTCCTGCA	236
A14.9-8_pJET1.-2-for	-----AGAGTACCTGCTGGAACATCTGCATCCCTTCCTGCA	186

Alignment of *B4GalT4* CDS regions targeted for creation of gene HEK293T knock-out cell lines

B4GalT4 (bp1-140)	ATGGGCTTCAACCTGACTTTCCACCTTCTACAAATTCCGATTACTGTTGCTGTTGACT	60
H1.2.2-4_pJET1.2-for	ATGGGCTTCAACCTGACTTTCCACCTTCC-----TAC	33
H1.2.-2-5_pJET1.2-for	ATGGGCTTCAACCTGACTTTCCACCTTCTACAAATTCCGATTACTGTT-----	50
H1.2.2-6_pJET1.2-for	ATGGGCTTCAACCTGACTTTCCACCTTCTACAAATTC-----	39
B4GalT4 (bp1-140)	TTGTGCCTGACAGTGGTTGGGTGGGCCACCAGTAACTACTTCGTGGGTGCCATTCAAGAG	120
H1.2.2-4_pJET1.2-for	ATTGCTGTTGACGTGGTTGGGTGGGCCACCAGTAACTACTTCGTGGGTGCCATTCAAGAG	93
H1.2.-2-5_pJET1.2-for	-----GCTGACAGTGGTTGGGTGGGCCACCAGTAACTACTTCGTGGGTGCCATTCAAGAG	105
H1.2.2-6_pJET1.2-for	-----CGATTAAGTGGTTGGGTGGGCCACCAGTAACTACTTCGTGGGTGCCATTCAAGAG	94
B4GalT4 (bp1-140)	ATTCCTAAAGCAAAGGAGT	139
H1.2.2-4_pJET1.2-for	ATTCCTAAAGCAAAGGAGT	112
H1.2.-2-5_pJET1.2-for	ATTCCTAAAGCAAAGGAGT	124
H1.2.2-6_pJET1.2-for	ATTCCTAAAGCAAAGGAGT	113

