

Supplementary Data Legends

Supplementary Data 1 is the DNA sequence for the human placental β -1,4-galactosyltransferase 1 Y284L (GalNAcT) mutant

Supplementary Data 2 is the amino acid sequence for the human placental β -1,4-galactosyltransferase 1 Y284L (GalNAcT) mutant