**Table S1 Primer sequence**

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| FEZF1-AS1: | Forward, 5ʹ-TTAGGAGGCTTGTTCTGTGT-3ʹ, | Reverse, 5ʹ-GCGCAGGTACTTAAGAAAGA-3ʹ; |
| miR-4456: | Forward, 5ʹ - GGGAGACCTGGTGGCTTC-3ʹ, | Reverse, 5ʹ- GTGCGTGTCGTGGAGTCG-3ʹ; |
| **GALNT10:** | Forward, 5ʹ- ACAGCCAGGTAATGGGTGAG-3ʹ, | Reverse, 5ʹ- GAAGATGGGATGGCTTTTCA-3ʹ |
| **GAPDH:** | Forward, 5’-AAGGTCGGAGTCAACGGATTTG-3ʹ, | Reverse, 5ʹ- CCATGGGTGGAATCATATTGGAA-3ʹ |
| **U6:** | Forward, 5ʹ-CTCGCTTCGGCAGCACA-3ʹ, | Reverse, 5ʹ-AACGCTTCACGAATTTGCGT-3ʹ |