**Table S2.** Diversity of the sialoglycan library used in the microarrays

|  |  |  |  |
| --- | --- | --- | --- |
| **Saccharide**  **rings** | **Sialic acid**  **types** | **Sialoglycosidic**  **bonds** | **Underlying**  **sugars** |
| Monosaccharides | Neu5Ac | α2-3 | Type 1, 2, 3, 4 |
| Disaccharides | Neu5Gc | α2-6 | Core 1 |
| Trisaccharides | Kdn | α2-8 | Lactose |
| Tetrasaccharides | Neu5,9Ac2 | α2-3/α2-6 | GalNAc |
| Pentasaccharides | Neu5Gc9Ac | α2-3/α2-8 | Galactose |
|  |  | α2-6/α2-8 | 6S-LacNAc |
|  |  |  | Lewis x |
|  |  |  | 6S-Lewis x |
|  |  |  | LNT |