Supplementary Material (ESI) for Organic and Biomolecular Chemistry

Sialic acid and *N*-acyl sialic acid analog production by fermentation of metabolically and genetically engineered *Escherichia coli*

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Supplementary Information

Table S1. **Primer sequences with engineered restriction sites (bold) used for cloning of *neuC*, *neuB* and *glmS* genes. Primers were used at 0.1 µM for PCR reactions. Cut sites listed were those used to clone the respected gene into pKH22.**

GENE	FORWARD	REVERSE	CUT SITES
neuC	cgca**gctagc**aaaaggattctttgcattacaggtacc	cagc**gaattc**ctagtcataactggtggtacatt	NheI/EcoRI
neuB	cgca**catatg**caaaacaacaacgaatttaaaattgg	cagc**gaattc**ttattcaatatcagttttttgatttgagca	NdeI/EcoRI
glmS	gcgc**catatg**tgtggaattgttggcgcg	gcgc**gaattc**ttactcaaccgtaaccgattttgc	NdeI/EcoRI