

S2 Table The predicted polysaccharides contents of *G. lingzhi* mutant

Mutated stains	Polysaccharides contents predicted value/%
RWY-0	8.341 ±0.17
RWY-1	9.441 ±0.281*
RWY-2	7.796 ±0.277*
RWY-3	7.392 ±0.052
RWY-4	7.166 ±0.111
RWY-5	7.024 ±0.037
RWY-6	8.754 ±0.083
RWY-7	6.554 ±0.268*
RWY-8	4.791 ±0.333*
RWY-9	6.858 ±0.01
RWY-10	5.49 ±0.273*