

Table S1. GNL activity of crude extract from *E. coli* with and without SMP30/GNL gene

<i>E. coli</i> /expression vector	GNL activity ($\mu\text{mol}/\text{min}/\text{mg}$)
BL21(DE3)-Rossetta2/pLysS [pET21b(+)]	N.D.*
BL21(DE3)-Rossetta2/pLysS [pET21b(+)/human SMP30/GNL]	25 ± 0.3
BL21(DE3) [pET21b(+)]	N.D.
BL21(DE3) [pET21b(+)/mouse SMP30/GNL]	8.8 ± 0.4

N.D.: No GNL activity was detected.