

Expression of dr1558 and pprM from *Deinococcus radiodurans* in *Corynebacterium glutamicum* producing lysine

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Deinococcus radiodurans dr1558 and pprM genes were known to confer high tolerance to pH and osmotic shock in *Escherichia coli*. *D. radiodurans* dr1558 and pprM genes were expressed in *C. glutamicum* to evaluate the effect of expression efficiency on lysine production. Recombinant *C. glutamicum* expressing DR1558 showed higher lysine production. Similarly, recombinant *C. glutamicum* expressing pprM also showed the higher increase in lysine production.