

Table 1 Physicochemical properties of LuxR protein

Protein Name	Molecular weight/ kDa	Theoretical isoelectric point	Instability index	Grand average of hydropathicity	Number of negatively charged residues (Asp+Glu)	Number of positively charged residues (Arg+Lys)
LuxR	24.4	5.98	37.75	-0.238	28	23