



**Supplementary figure 4 Codon usage analysis of the 50 first codons in complete *dkr* ORF**

**(A) and *dkr* (B) of *C. glutamicum* in *L. lactis* subsp. *cremoris* MG1363.**

The vertical axis indicates the relative adaptiveness values (%) of triplet codons in *L. lactis* subsp. *cremoris* MG1363. The codons used in less than 20% of the cases are considered as rare and their codon usage fraction appears in grey.