## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Supplementary Data 1 summarizes the results of the bioinformatics analyses of 720 genomes of 24 groups of archaea and bacteria. The Table contains the fractions of overlapping gene pairs as well as the fractions of leading genes and of downstream genes in overlapping gene pairs that are preceded by a (strong) Shine Dalgarno motif.