



Figure S3. Correlation between promoter BRE/TATA-box score and relative *in vitro* transcriptional activity. The vertical position of a point indicates the *in vitro* transcriptional activity of the corresponding promoter, relative to the wild-type *M. vanielii* tRNA^{Val} promoter. The horizontal position of a point is the BRE/TATA-box score of the corresponding promoter. The correlation coefficient (r) is 0.88, indicating a positive correlation. The equation for the regression line is

$$\log_2(\textit{in vitro} \textit{ transcriptional activity}) = 0.49 \times (\text{BRE/TATA-box score}) - 6.25.$$