

Supplementary Table S3. Comparison of 9 statistical measures of FexSplice, SpliceAI, and CI-SpliceAI

Model	FexSplice ^b (15-feature based LightGBM)	SpliceAI ^c	CI-SpliceAI ^c
Accuracy ^a	0.77 ± 0.07	0.54	0.58
Precision ^a	0.80 ± 0.12	0.85	0.82
Recall ^a	0.78 ± 0.13	0.22	0.22
Specificity ^a	0.77 ± 0.15	0.95	0.95
F1 score ^a	0.77 ± 0.07	0.35	0.34
NPV ^a	0.79 ± 0.11	0.49	0.55
MCC ^a	0.57 ± 0.15	0.24	0.25
AUROC	0.86 ± 0.08	0.69	0.65
AUPRC	0.87 ± 0.09	0.75	0.68

^aRefer to Table 1 for the definitions of statistical measures.

^bStatistical measures for FexSplice were calculated by 10-fold cross-validation (mean and SD) of our dataset, and are identical to those shown in Table 1.

^cStatistical measures for SpliceAI and CI-SpliceAI are calculated by our dataset without cross-validation. Note that FexSplice was trained with our dataset, whereas the others were not.