

**S3 Table.** Results of ROC curve analysis and specificity-sensitivity test for determining cutoff value of histone H3 lysine 4 demethylase and histone H3 lysine 27 methyltransferase

	Mean±SE	AUC in ROC curve	Cutoff value	Sensitivity	Specificity
<b>H3K4 demethylase</b>					
LSD1/KDM1A	17.2±8.1	0.638	17	0.611	0.670
LSD2/KDM1B	12.6±5.8	0.686	12	0.655	0.694
JARID1A/KDM5A	25.2±10.3	0.792	25	0.743	0.821
JARID1B/KDM5B	28.0±11.8	0.642	28	0.629	0.657
JARID1C/KDM5C	20.5±5.3	0.715	20	0.687	0.724
JARID1D/KDM5D	13.2±6.2	0.635	13	0.600	0.658
<b>H3K27 methyltransferase</b>					
EZH1	21.0 (±7.9)	0.705	21	0.689	0.725
EZH2	29.2 (±9.3)	0.794	30	0.738	0.856

AUC, area under the curve; ROC, receiver operating characteristic; SE, standard error.