

Figure S1: The ROC curves and AUC values of ABP(a), AFP(b), AHP(c), AVP(d), and ACP(e) prediction.

Table S1: Results of single domain transfer for ACP prediction

	ACC	PRE	REC	F_1	MCC
ANN-ACP	96.14 ± 1.62	97.18 ± 1.69	97.45 ± 1.12	90.48 ± 4.06	97.31 ± 1.12
ABP->ACP	96.84 ± 1.54	97.57 ± 1.62	98.01 ± 1.00	92.22 ± 3.85	97.80 ± 1.07
ABP^{\star} -> ACP	96.59 ± 1.15	97.41 ± 1.18	97.86 ± 1.04	91.59 ± 2.93	97.63 ± 0.79
AFP-> ACP	96.68 ± 1.68	97.76 ± 1.73	97.63 ± 1.17	91.81 ± 4.20	97.69 ± 1.16
AHP->ACP	96.43 ± 1.24	97.34 ± 1.21	97.71 ± 1.08	91.14 ± 3.27	97.51 ± 0.84
AVP->ACP	$96.51{\pm}1.25$	97.06 ± 1.15	98.09 ± 1.22	91.39 ± 3.42	$97.57 {\pm} 0.83$

^{*} downsampling of ABP.

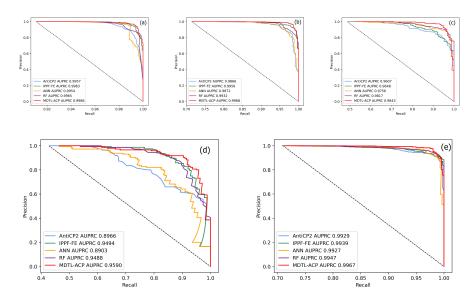


Figure S2: The PR (precision-recall) curves and AUPR values of ABP(a), AFP(b), $AHP(c),\ AVP(d),$ and ACP(e) prediction.

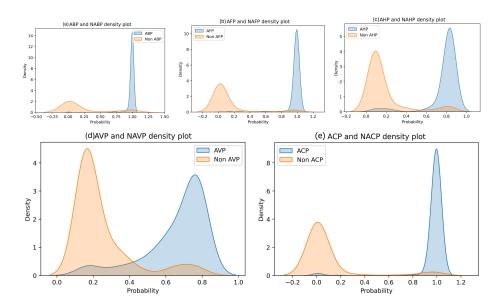


Figure S3: The probability density of prediction task in ABP(a), AFP(b), AHP(c), AVP(d), and ACP(e).