

Supplemental Table 4. Success rates of classification, when only (GATA)<sub>n</sub> was used.

	50 kb	100 kb	250 kb
<i>Training set (largely Xp22)</i>			
$\tau$	0.95	0.93	0.26
Success in <i>E</i>	21%	24%	62%
Success in <i>I</i>	95%	86%	86%
<i>Xp22 test set</i>			
$\tau$	0.29	0.03	0.05
Success in <i>E</i>	60%	81%	83%
Success in <i>I</i>	86%	85%	100%
<i>Other X test set</i>			
$\tau$	0.07	0.17	0.15
Success in <i>E</i>	29%	50%	83%
Success in <i>I</i>	86%	65%	50%
<i>Whole X training set</i>			
$\tau$	0.26	0.89	0.11
Success in <i>E</i>	33%	30%	70%
Success in <i>I</i>	77%	86%	69%