

Table S19: Linear regressions between the percentage of unique loci in a genomic category (y) and the percentage of the same category in the genome (x). Each supergroup (plants, protostomes and deuterostomes), genomic category (intergenic, intronic, exonic), enzyme (AlfI, CspCI, BaeI) and selection (W-selection, S-selection) has been considered independently. For each combination, we provide the regression equation, the coefficient of determination (R^2) and p-values. Significant p-values are given in bold.

Supergroup	Genomic Category	Enzyme	W-selection			S-selection		
			Regression equation	R^2	p-value	Regression equation	R^2	p-value
Plants	Intergenic	AlfI	$y = -0.362 + 1.167x$	0.93	<0.001	$y = -0.407 + 1.235x$	0.95	<0.001
		CspCI	$y = -0.226 + 1.091x$	0.95	<0.001	$y = -0.358 + 1.232x$	0.97	<0.001
		BaeI	$y = -0.222 + 1.091x$	0.92	<0.001	$y = -0.349 + 1.226x$	0.96	<0.001
	Intronic	AlfI	$y = 0.083 + 0.701x$	0.51	0.020	$y = 0.065 + 0.520x$	0.39	0.056
		CspCI	$y = 0.061 + 0.648x$	0.58	0.011	$y = 0.055 + 0.364x$	0.33	0.081
		BaeI	$y = 0.061 + 0.814x$	0.70	0.003	$y = 0.054 + 0.517x$	0.50	0.023
	Exonic	AlfI	$y = 0.133 + 1.405x$	0.92	<0.001	$y = 0.143 + 1.566x$	0.92	<0.001
		CspCI	$y = 0.09 + 1.351x$	0.95	<0.001	$y = 0.114 + 1.635x$	0.93	<0.001
		BaeI	$y = 0.078 + 1.263x$	0.94	<0.001	$y = 0.101 + 1.580x$	0.94	<0.001
Protostomes	Intergenic	AlfI	$y = -0.114 + 1.064x$	0.97	<0.001	$y = -0.090 + 0.987x$	0.98	<0.001
		CspCI	$y = -0.099 + 1.025x$	0.94	<0.001	$y = -0.109 + 1.013x$	0.95	<0.001
		BaeI	$y = -0.109 + 1.087x$	0.96	<0.001	$y = -0.059 + 0.910x$	0.91	<0.001
	Intronic	AlfI	$y = -0.019 + 1.01x$	0.82	<0.001	$y = -0.026 + 0.929x$	0.80	<0.001
		CspCI	$y = -0.008 + 0.942x$	0.78	<0.001	$y = -0.015 + 0.833x$	0.67	0.001
		BaeI	$y = -0.012 + 1x$	0.90	<0.001	$y = -0.039 + 0.937x$	0.80	<0.001
	Exonic	AlfI	$y = 0.037 + 1.459x$	0.85	<0.001	$y = 0.100 + 1.372x$	0.82	<0.001
		CspCI	$y = 0.045 + 1.552x$	0.84	<0.001	$y = 0.108 + 1.570x$	0.74	<0.001
		BaeI	$y = 0.023 + 1.431x$	0.90	<0.001	$y = 0.096 + 1.515x$	0.83	<0.001
Deuterostomes	Intergenic	AlfI	$y = -0.07 + 0.967x$	0.84	<0.001	$y = -0.061 + 0.917x$	0.80	<0.001
		CspCI	$y = -0.088 + 1.013x$	0.86	<0.001	$y = -0.079 + 0.972x$	0.83	<0.001
		BaeI	$y = -0.079 + 0.978x$	0.85	<0.001	$y = -0.095 + 0.973x$	0.81	<0.001
	Intronic	AlfI	$y = 0.115 + 0.848x$	0.65	<0.001	$y = 0.136 + 0.745x$	0.47	<0.001
		CspCI	$y = 0.114 + 0.81x$	0.55	<0.001	$y = 0.127 + 0.731x$	0.41	0.001
		BaeI	$y = 0.115 + 0.841x$	0.62	<0.001	$y = 0.122 + 0.764x$	0.49	<0.001
	Exonic	AlfI	$y = 0.004 + 1.595x$	0.94	<0.001	$y = 0.026 + 1.911x$	0.91	<0.001
		CspCI	$y = -0.006 + 1.977x$	0.96	<0.001	$y = 0.011 + 2.249x$	0.93	<0.001
		BaeI	$y = 0.003 + 1.717x$	0.94	<0.001	$y = 0.032 + 1.998x$	0.86	<0.001

