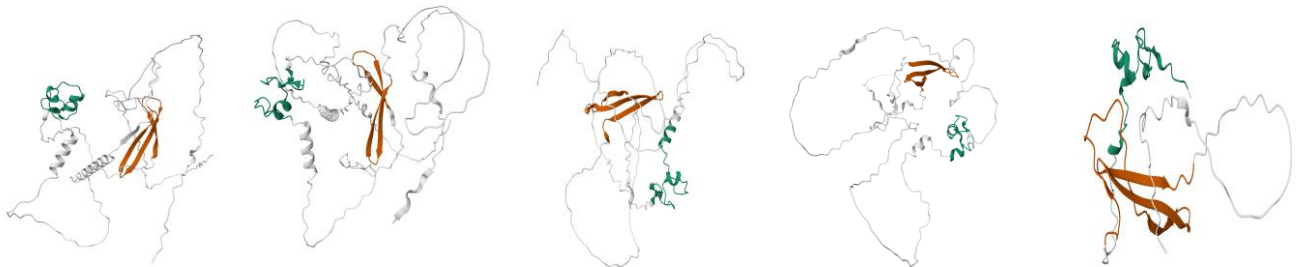


Secondary structures of AtSRS Proteins



AtSHI

AtSTY1

AtSTY2

AtLRP1

AtSRS3



AtSRS4

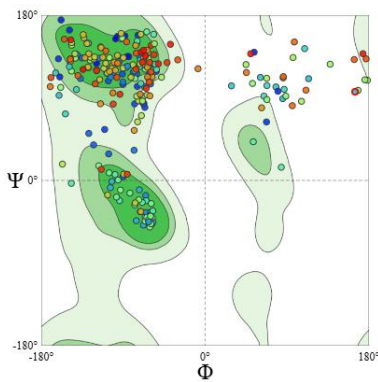
AtSRS5

AtSRS6

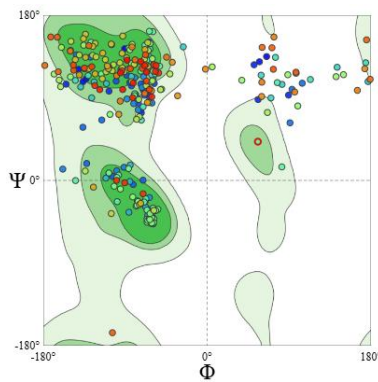
AtSRS7

AtSRS8

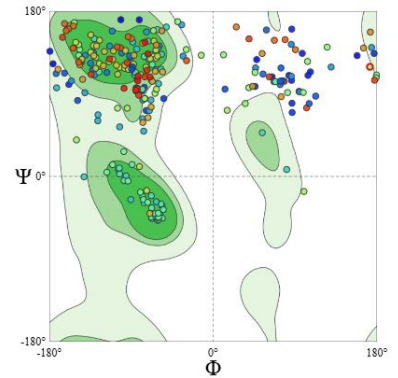
Ramachandran Plots



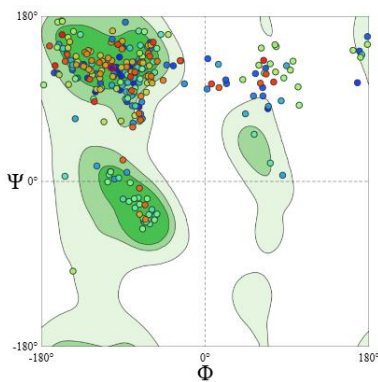
AtSHI



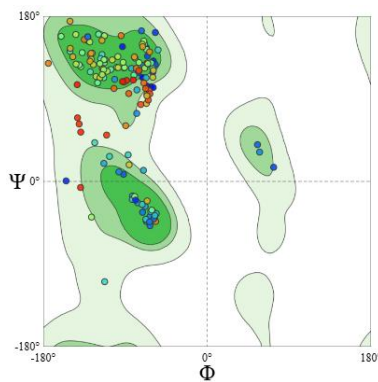
AtSTY1



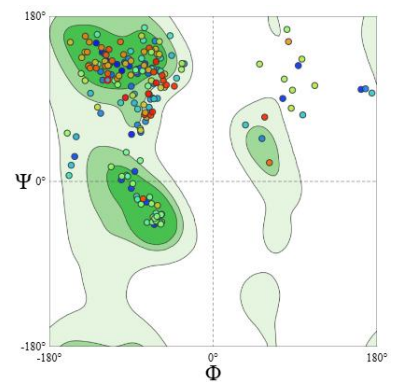
AtSTY2



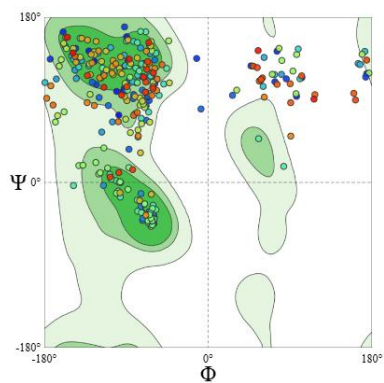
AtLRP1



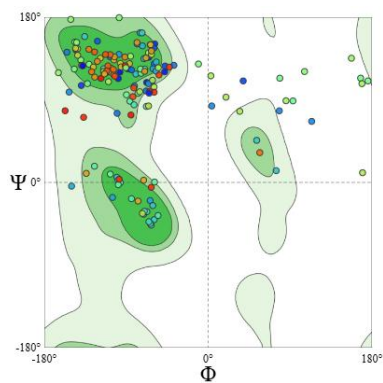
AtSRS3



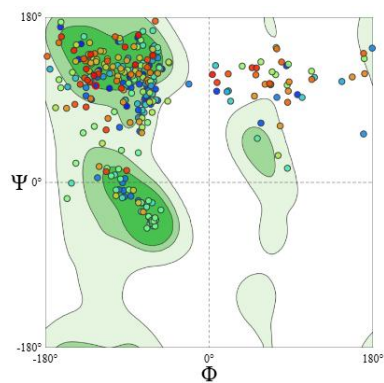
AtSRS4



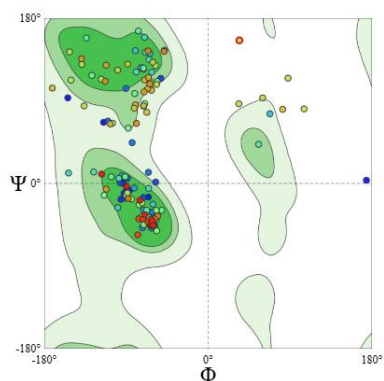
AtSRS5



AtSRS6



AtSRS7



AtSRS8

Protein	Template	GMQE	Seq Identity	MolProbity Score	Clash Score	Ramachandran Favoured	Ramachandran Outliers	Rotamer Outliers	C-Beta Deviations
AtSHI	Q9XGX0.1.A	0.57	100.00%	2.22	0.62	71.12%	11.85%	7.97%	25
AtSTY1	Q9SD40.1.A ²	0.54	100.00%	2.03	0.19	69.84%	13.86%	6.36%	28
AtSTY2	O65517.1.A ²	0.56	100.00%	2.15	0.44	59.38%	19.69%	5.73%	40
AtLRP1	Q94CK9.1.A ²	0.55	100.00%	2.1	0.44	70.44%	12.58%	6.35%	25
AtSRS3	A0A6J0JUD3.1.A	0.62	85.29%	1.62	0.38	84.52%	0.60%	2.60%	1
AtSRS4	Q9SI19.1.A ²	0.57	100.00%	1.8	0.3	72.73%	7.73%	3.08%	11
AtSRS5	Q9LQZ5.1.A ²	0.55	100.00%	2.09	0.19	68.02%	16.28%	7.43%	28
AtSRS6	Q9M2U4.1.A ²	0.65	100.00%	1.91	0.7	79.01%	9.39%	3.70%	12
AtSRS7	Q9FXH7.1.A ²	0.54	100.00%	2.16	0.78	66.18%	13.70%	5.14%	23
AtSRS8	F4KH89.1.A ²	0.58	100.00%	1.76	0	78.95%	5.85%	4.67%	4