

**Table S4. Sequencing coverage of segregant pools**

<b>Cross</b>	<b>Segregants</b>	<b>Pool size (segregants)</b>	<b>Number of mapped reads</b>	<b>Fold coverage</b>
FY3049 (1.2) x FY3046	Wild type	45	12,115,678	89
	Mutant	45	12,364,877	85
FY3052 (2.3a) x FY3047	Wild type	48	13,097,764	101
	Mutant	48	14,174,495	97
FY3053 (2.3b) x FY3047	Wild type	42	11,391,104	80
	Mutant	42	38,280,078	260

In each cross, wild-type segregants were those that were sensitive to 1 mM 3AT and mutant segregants were those resistant to 10 mM 3AT.