

**Table S3. Rearrangements in chromosome 3, 8 and 6 of ARR and NER**

Variety	Rearrangement	Size (bp)	Chr	Start	End	Pair ends orientation	% <sup>a</sup>
ARR	Inversion	6926	3	6785295	6792253	- -	14
	Deletion	1894102	3	6785325	8686355	+ +	11
NER	Deletion	1941554	3	6782589	8724143	+ -	40
	Deletion	908471	8	12602313	13510784	+ -	53
	Deletion	69130	8	13566864	13635994	+ -	50
	Translocation		721	(8;6) <sup>b</sup>	13634859	21997756	- +
			(8;6) <sup>b</sup>	13635580	21997789	+ -	46

<sup>a</sup> Percentage of pair ends supporting rearrangement

<sup>b</sup> Chromosomes involved in translocation