

ID	<i>RRl</i>	<i>RRp</i>	<i>RBl</i>	<i>RBp</i>	<i>ROl</i>	P_{init}	$\langle MW \rangle$
47	1	3	2	2	3	1.00	0.39
48	1	3	2	1	3	1.00	0.49
82	1	3	1	3	3	1.00	0.44
51	1	2	2	1	3	1.00	0.43
85	1	2	1	3	3	1.00	0.44
54	1	1	2	1	3	1.00	0.40
88	1	1	1	3	3	1.00	0.45

Table S4. **Adhesion Scenarios Prone to Early Type 3 CNV ($0.35 < MW < 0.65$) if CNV initiates.** $0.35 < MW < 0.65$ indicates that **stalk cells** come into contact with both **BrM** and the **POS**. Most adhesion scenarios have severely impaired **RPE-RPE labile adhesion**, normal **RPE-POS labile adhesion** and either severely or moderately impaired **RPE-BrM labile adhesion** ($RBl \leq 2$). **RPE-RPE** and **RPE-BrM plastic coupling** have little effect on the mean MW and **CNV** initiation probability. For example, adhesion scenarios ID: 82 ($RRp = 3$), 85 ($RRp = 2$) and 88 ($RRp = 1$) have similar mean MW and **CNV** initiation probability regardless of the **RPE-RPE plastic coupling** strength (RRp). The **CNV** initiation probability ranges from 0.7 to 1. Key: ID: adhesion scenario ID. *RRl*: **RPE-RPE labile adhesion** strength, *RRp*: **RPE-RPE plastic coupling** strength, *RBl*: **RPE-BrM labile adhesion** strength, *RBp*: **RPE-BrM plastic coupling** strength, *ROl*: **RPE-POS labile adhesion** strength. P_{init} : **CNV** initiation probability. $\langle MW \rangle$: mean morphometric weight. Both $\langle MW \rangle$ and P_{init} are calculated from 10 simulation replicas for each adhesion scenario. Scaled adhesion strengths: 3: normal (green), 2: moderately impaired (yellow), 1: severely impaired (weak) (red). Adhesion scenarios sequentially sorted largest to smallest in order by *RRl*, then by *RRp*, then by *RBl*, then by *RBp* and then by *ROl*.