

ID	<i>RRI</i>	<i>RRp</i>	<i>RBI</i>	<i>RBp</i>	<i>ROI</i>	P_{init}	S22 Probability
21	3	3	3	1	1	0.90	0.90
23	3	2	3	2	1	1.00	1.00
24	3	2	3	1	1	1.00	1.00
58	3	2	2	3	1	0.90	0.90
60	3	2	2	1	1	1.00	1.00
25	3	1	3	3	1	0.90	0.90
26	3	1	3	2	1	0.90	0.90
27	3	1	3	1	1	1.00	1.00
61	3	1	2	3	1	1.00	1.00
62	3	1	2	2	1	1.00	1.00
63	3	1	2	1	1	1.00	1.00
10	1	3	3	3	3	1.00	1.00
28	1	3	3	3	1	1.00	1.00
11	1	3	3	2	3	1.00	1.00
29	1	3	3	2	1	1.00	1.00
12	1	3	3	1	3	1.00	1.00
30	1	3	3	1	1	1.00	1.00
46	1	3	2	3	3	1.00	1.00
64	1	3	2	3	1	1.00	1.00
65	1	3	2	2	1	1.00	1.00
66	1	3	2	1	1	1.00	1.00
100	1	3	1	3	1	1.00	1.00
101	1	3	1	2	1	1.00	1.00
102	1	3	1	1	1	1.00	1.00
13	1	2	3	3	3	1.00	1.00
31	1	2	3	3	1	1.00	1.00
14	1	2	3	2	3	1.00	1.00
32	1	2	3	2	1	1.00	1.00
15	1	2	3	1	3	1.00	1.00
49	1	2	2	3	3	1.00	1.00
67	1	2	2	3	1	1.00	1.00
68	1	2	2	2	1	1.00	1.00
103	1	2	1	3	1	1.00	1.00
104	1	2	1	2	1	1.00	0.90
16	1	1	3	3	3	1.00	1.00
34	1	1	3	3	1	1.00	1.00
17	1	1	3	2	3	1.00	1.00
35	1	1	3	2	1	1.00	1.00
52	1	1	2	3	3	1.00	1.00
70	1	1	2	3	1	1.00	1.00
71	1	1	2	2	1	1.00	0.90
106	1	1	1	3	1	1.00	1.00

Table S8. **Adhesion Scenarios Prone to Stable Type 2 CNV (S22) (S22 Probability > 0.9).** The three main classes of adhesion scenario that cause **ET2 CNV** also predominantly lead to **S22 CNV**: 1) When **RPE-RPE labile adhesion** is normal ($RRl = 3$), **RPE-BrM labile adhesion** is normal or moderately impaired ($RBl \geq 2$), and **RPE-POS labile adhesion** is severely impaired ($ROl = 1$). 2) When **RPE-RPE labile adhesion** is weak ($RRl = 1$), **RPE-BrM labile adhesion** is normal or moderately impaired ($RBl \geq 2$). 3) When **RPE-RPE**, **RPE-BrM** and **RPE-POS labile adhesion** are severely impaired ($RRl = RBl = ROl = 1$), and the combination of **RPE-RPE** and **RPE-BrM plastic coupling** strengths satisfies $RBp + RRp > 3$. 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. Both the **S22 CNV** probability 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 .