

Table S1 Summary of measuring points by cultivar and floral tissue

Measuring Point	Cultivar	Floral Tissue	N	Temperature(°C)	Standard Error
Breaking_Pt1	Ovule	Conference	9	-9.6	0.4
Breaking_Pt1	Ovule	Jonagold	9	-11.3	0.4
Breaking_Pt1	Stamen	Conference	12	-13.1	0.5
Breaking_Pt1	Stamen	Jonagold	10	-11.1	0.2
Breaking_Pt1	Stigma	Conference	12	-11.6	0.2
Breaking_Pt1	Stigma	Jonagold	10	-11.0	0.2
Breaking_Pt2	Ovule	Conference	9	-9.3	0.5
Breaking_Pt2	Ovule	Jonagold	9	-11.0	0.4
Breaking_Pt2	Stamen	Conference	12	-12.3	0.4
Breaking_Pt2	Stamen	Jonagold	10	-10.8	0.1
Breaking_Pt2	Stigma	Conference	12	-11.2	0.2
Breaking_Pt2	Stigma	Jonagold	10	-10.6	0.2
Cryst_Pt1	Ovule	Conference	9	-9.8	0.5
Cryst_Pt1	Ovule	Jonagold	9	-11.6	0.4
Cryst_Pt1	Stamen	Conference	12	-13.3	0.5
Cryst_Pt1	Stamen	Jonagold	10	-11.2	0.1
Cryst_Pt1	Stigma	Conference	12	-11.9	0.2
Cryst_Pt1	Stigma	Jonagold	10	-11.0	0.1
Cryst_Pt2	Ovule	Conference	9	-9.9	0.5
Cryst_Pt2	Ovule	Jonagold	9	-11.7	0.4
Cryst_Pt2	Stamen	Conference	12	-12.9	0.4
Cryst_Pt2	Stamen	Jonagold	10	-11.7	0.2
Cryst_Pt2	Stigma	Conference	12	-11.7	0.2
Cryst_Pt2	Stigma	Jonagold	10	-11.4	0.2
Melt_Pt1	Ovule	Conference	9	1.5	0.2
Melt_Pt1	Ovule	Jonagold	9	1.1	0.1
Melt_Pt1	Stamen	Conference	12	2.5	0.2
Melt_Pt1	Stamen	Jonagold	10	4.8	0.3
Melt_Pt1	Stigma	Conference	12	2.2	0.1
Melt_Pt1	Stigma	Jonagold	10	2.9	0.1
Melt_Pt2	Ovule	Conference	9	1.4	0.2
Melt_Pt2	Ovule	Jonagold	9	1.0	0.1
Melt_Pt2	Stamen	Conference	12	2.4	0.2
Melt_Pt2	Stamen	Jonagold	10	4.0	0.6
Melt_Pt2	Stigma	Conference	12	2.1	0.1
Melt_Pt2	Stigma	Jonagold	10	2.9	0.1