

**Supplementary Table SVIII RNA fluorescence in-situ hybridization co.**

Sample	Total cells counted	No XIST cloud	One XIST cloud	Two XIST clouds	I ATRX
<b>f-HM2</b>	257	257	0	0	-
<b>f-KS1</b>	220	9	190	17	-
<b>f-KS2</b>	334	14	314	6	-
<b>f-HF1</b>	227	8	215	4	-
<b>ips-HM1</b>	552	552	0	0	524
<b>ips-HM2</b>	464	464	0	0	453
<b>ips-KS1</b>	1077	1025	52	1	1044
<b>ips-KS2</b>	886	299	587	1	877
<b>ips-HF1</b>	1518	1424	94	9	1381
<b>HS980</b>	1301	1294	7	0	1081