

Table 1: Summary of the immunosignals at pericentric heterochromatin of PGCs

	4% PFA (regular) paraffin	4% PFA (extended) paraffin	4% PFA (regular) cryo	4% PFA (extended) cryo	1% PFA nuclear spreads
H3K9me3	No signal	No signal	+E10.5 -E11.5 +E13.5♂ +E13.5♀	+E10.5 +E11.5 +E13.5♂ +E13.5♀	+E10.5 <E11.5 +E13.5♂ <E13.5♀
HP1α	+E10.5 -E11.5 -E13.5♂ -E13.5♀	+E10.5 *E11.5 -E13.5♂ +E13.5♀	n.d.	n.d.	<E10.5 +E11.5 <E13.5♂ <E13.5♀
HP1β	+E10.5 +E11.5 -E13.5♂ -E13.5♀	+E10.5 +E11.5 +E13.5♂ +E13.5♀	n.d.	n.d.	<E10.5 <E11.5 <E13.5♂ <E13.5♀
HP1γ	+E10.5 +E11.5 *E13.5♂ +E13.5♀	+E10.5 +E11.5 +E13.5♂ +E13.5♀	n.d.	n.d.	>E10.5 >E11.5 +E13.5♂ +E13.5♀
H4K20me3	+E10.5 -E11.5 *E13.5♂ *E13.5♀	+E10.5 +E11.5 +E13.5♂ +E13.5♀	n.d.	n.d.	<E10.5 <E11.5 <E13.5♂ <E13.5♀
ATRX	n.d.	n.d.	n.d.	n.d.	+E10.5 >E11.5 +E13.5♂ +E13.5♀