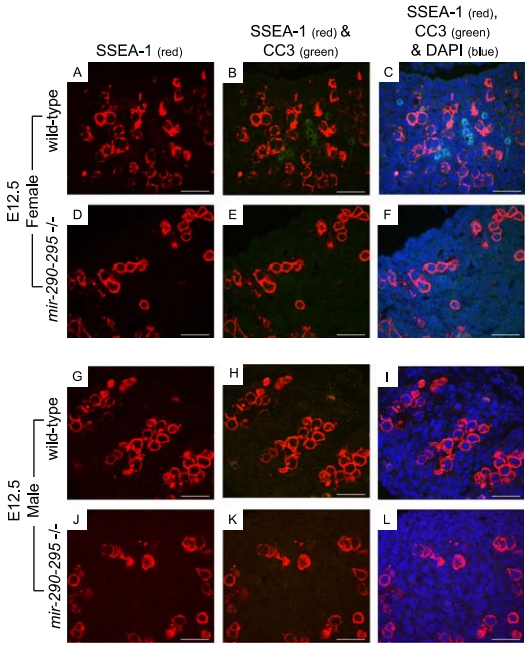

M

Genotype of embryo	Number of cleaved caspase-3$^+$ E12.5 gonocytes (SSEA1$^+$ CC3$^+$)	Number of E12.5 gonocytes counted (SSEA1$^+$)
Females: wild-type	**0**	**159**
wild-type	**0**	**88**
mir-290-295 -/-	**0**	**84**
mir-290-295 -/-	**0**	**84**
Males: wild-type	**0**	**165**
mir-290-295 -/-	**0**	**93**

Fig. S5. *mir-290–295*$^{-/-}$ gonocytes do not undergo apoptosis. (*A–F*) Representative image of female E12.5 wild-type (*A–C*) and *mir-290–295*$^{-/-}$ (*D–F*) gonads stained for SSEA-1, cleaved caspase-3 (CC3), and DAPI. (Scale bars, 25 μM.) (*G–L*) Representative image of male E12.5 wild-type (*G–I*) and *mir-290–295*$^{-/-}$ (*J–L*) gonads stained for SSEA-1, cleaved caspase-3, and DAPI. (Scale bars, 25 μM.) (*M*) Table outlining the number of cleaved caspase-3$^+$ gonocytes observed in a midgonadal section from either wild-type or *mir-290–295*$^{-/-}$ E12.5 gonads. Note that no gonocytes in either mutant or wild-type gonads were positive for cleaved caspase-3.