

**Table S7 Total number of meiotic breaks analyzed by RAD-51 foci after *rad-54(RNAi)***

<b>Breaks per Nucleus</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>Avg</b>	<b>N</b>	<b>Mean</b>	<b>St. Dev</b>	<b>SE Mean</b>
N2	0	0	0	0	0	2	4	3	10	12	5	14.1	<b>36</b>	14.1	1.4	0.23
him-5 (ok1896)	1	2	8	16	11	5	10	2	1	0	0	9.9	<b>56</b>	9.9	1.7	0.23

Student t-test DF: 84 T-value 13.0838 P-value = <0.00001