

**Supplemental Table 3 Distribution of mitochondria**

Oocytes	Homogeneous%(n)	Heterogeneous%(n)	Peripheral%(n)
<b>Young</b>			
Wt	58.8(40/68)	35.3(24/68)	5.9(4/68)
Saline group	58.3(35/60)	35.0(21/60)	6.7(4/60)
Low-dose/ rhGH	53.3(48/90)	36.7(33/90)	10.0(9/90)
Medium-dose/rhGH	51.3(40/78)	35.9(28/78)	12.8(10/78)
High-dose/rhGH	60.0(48/80)	25.0(20/80)	15.0(12/80)
<b>Aged</b>			
Wt	41.7(30/72) <sup>a</sup>	38.9(28/72) <sup>a</sup>	19.4(14/72) <sup>a</sup>
Saline group	35.1(20/57) <sup>a</sup>	31.6(18/57) <sup>a</sup>	33.3(9/57) <sup>a</sup>
Low-dose/ rhGH	62.5(35/56) <sup>b</sup>	25.0(14/56) <sup>b</sup>	12.5(7/56) <sup>b</sup>
Medium-dose/rhGH	66.7(32/48) <sup>b</sup>	29.2(14/48) <sup>b</sup>	4.1(2/48) <sup>b</sup>
High-dose/rhGH	62.1(36/58) <sup>b</sup>	31.0(18/58) <sup>b</sup>	6.9(4/58) <sup>b</sup>

Note: Different superscript letters (a,b) within columns represent significant differences with groups ( $P<0.05$ , <sup>a</sup>compared with wt/young group, <sup>b</sup>compared with wt/old group).