

**Table 1.** Incidence of pathology observed in wild-type and  $\alpha$ ERKO female mice following neonatal DES exposure.

Tissue/Lesion	Wild-type (age, months)				$\alpha$ ERKO (age, months)			
	4-5	8-9	12-13	18-23	4-5	8-9	12-13	18-23
<b>Uterus</b>								
Atrophy	0/12	22/26	12/25	13/16	0/9	0/14	0/15	0/9
Disorg. Smooth Muscle	10/10	26/26	21/25	10/16	0/9	0/14	0/15	0/9
Hyalinization	10/10	25/26	23/25	12/16	0/9	0/14	0/15	0/9
Squamous metaplasia	3/10	9/26	15/25	2/16	0/9	0/14	0/15	0/9
Endometrial hyperplasia	0/12	2/26 <sup>a</sup>	10/25 <sup>b</sup>	7/16 <sup>c</sup>	0/9	0/14	0/15	0/9
<b>Vagina</b>								
Persistent cornification	10/10	26/26	25/25	16/16	0/9	0/14	0/15	0/9
No cornification	0/10	0/26	0/25	0/16	8/8 <sup>e</sup>	13/13 <sup>e</sup>	15/15 <sup>e</sup>	9/9 <sup>e</sup>
Adenosis	0/12	2/26	0/25	0/16	0/9	0/14	0/15	0/9
<b>PPL of the Oviduct</b>	<b>11/12</b>	<b>23/23</b>	<b>21/24</b>	<b>14/14</b>	<b>0/9</b>	<b>0/14</b>	<b>0/15</b>	<b>0/9</b>

<sup>a</sup>exhibited in 8 of 23 corn oil exposed wild-type mice; <sup>b</sup>exhibited in 13 of 19 corn oil exposed wild-type mice; <sup>c</sup>exhibited in 9 of 12 corn oil exposed wild-type mice; <sup>e</sup>exhibited in 1 of 12 corn oil exposed wild-type mice; <sup>e</sup>exhibited in 100% of corn oil exposed mice of same genotype and age. Unless otherwise noted there was a 0% incidence in corn-oil treated animals of the same genotype. PPL = progressive proliferative lesion. Adapted from source: Couse J.F., Dixon D., Yates M., Moore A.B., Ma L., Maas R., and Korach K.S., *Dev. Biol.*, 238, 224-238, 2001. Source: Henley D.V., and Korach K.S., *Endocrinology*, 147(6) (Supplement), S26, 2006.