

S2 Table. Summary of background lesions in histopathological examination (pathology screen).

strain	B6						D2					
	control		nest		double		control		nest		double	
experimental group	m	f	m	f	m	f	m	f	m	f	m	f
Testes												
<i>focal vacuolation of germinal epithelium</i>	0/6		0/6		2/6		0/6		1/5		0/5	
seminal vesicle												
<i>focal hyperplasia</i>	0/6		0/6		0/6		1/6		0/5		1/5	
ovary												
<i>follicular cyst</i>		1/6		0/6		0/6		0/6		0/5		0/5
heart												
<i>calcification of epi- and myocardium</i>	0/6	0/6	0/6	0/6	0/6	0/6	11/12	10/12	11/12	11/12	12/12	11/12
lung												
<i>focal inflammatory infiltrates</i>	0/6	1/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	1/5
<i>focal vascular mineralization</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	1/5
salivary gland (parotid)												
<i>basophilic hypertrophic foci</i>	0/6	1/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	1/5
salivary gland (submandibular)												
<i>focal lymphohistiocytic infiltration</i>	0/6	0/6	0/6	1/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	1/5
Thyroid gland												
<i>vacuolation of glandular epithelium</i>	6/6	6/6	6/6	6/6	6/6	6/6	0/6	0/6	0/5	0/5	0/5	0/5
<i>focal follicular cell hyperplasia</i>	0/6	0/6	0/6	0/6	0/6	0/6	1/6	1/6	0/5	0/5	0/5	1/5
parathyroid gland												
<i>small cyst</i>	0/6	1/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	0/5
<i>basophilic hypertrophic foci</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	1/5
thymus												
<i>focal cyst</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	0/5	1/5	0/5
liver												
<i>focal microgranulomas</i>	2/6	5/6	4/6	2/6	3/6	3/6	1/6	4/6	0/5	3/5	2/5	3/5
<i>eosinophilic foci</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/6	1/5	0/5	1/5	1/5
adrenal gland												
<i>subcapsular cell hyperlasia (type A)</i>	0/6	5/6	1/6	4/6	0/0	4/6	2/6	4/6	2/5	4/5	4/5	3/5
<i>accessory cortical nodule</i>	0/6	0/6	0/6	0/6	0/6	1/6	0/6	0/6	0/5	0/5	0/5	0/5
pancreas												
<i>focal inflammatory infiltrates</i>	1/6	1/6	0/6	2/6	0/6	1/6	1/6	1/6	0/5	2/5	0/5	2/5
<i>foci of cellular alteration</i>	0/6	0/6	0/6	0/6	0/6	0/6	1/6	3/6	0/5	1/5	0/5	0/5
stomach												
<i>keratinic cyst</i>	0/6	1/6	0/6	1/6	0/6	0/6	0/6	0/6	0/5	0/5	0/5	0/5
small intestine												
<i>amyloidosis of lamina propria</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/6	0/5	2/5	0/5	2/5
kidney												
<i>focal tubular regeneration</i>	0/6	0/6	0/6	0/6	0/6	1/6	0/6	0/6	0/5	0/5	0/5	0/5
<i>transitional cell papilloma</i>	0/6	0/6	0/6	0/6	0/6	1/6	0/6	0/6	0/5	0/5	0/5	0/5
urinary bladder												
<i>focal inflammatory infiltration</i>	0/6	0/6	0/6	0/6	0/6	0/6	0/6	1/6	0/5	0/5	0/5	0/5

Affected animals are shown as portion of total examined animals of combined cohorts.