

## Supplementary materials (Tables)

**Table S1.** The results about the comparison of clean reads with reference genome.

Sample	Total reads	Total mapped	Multiple mapped	Uniquely mapped
Control-1	54,645,342	43,656,324(79.89%)	1,424,065(2.61%)	42,232,259(77.28%)
Control-2	54,541,358	43,677,586(80.08%)	1,414,112(2.59%)	42,263,474(77.49%)
Control-3	62,634,710	50,558,613(80.72%)	1,720,655(2.75%)	48,837,958(77.97%)
Eli-1	65,771,358	51,336,621(78.05%)	1,673,533(2.54%)	49,663,088(75.51%)
Eli-2	59,997,100	47,546,302(79.25%)	1,478,613(2.46%)	46,067,689(76.78%)
Eli-3	61,569,246	48,970,883(79.54%)	1,518,183(2.47%)	47,452,700(77.07%)

**Table S2.** Histopathological assessment. An importance factor ( $\omega_{if}$ ), ranging from 1 to 3, was assigned to every change (1—minimal pathological importance: the lesion is easily reversible as exposure to irritants ends; 2—moderate pathological importance: the lesion is reversible in most cases if the stressor is neutralized; and 3—marked pathological importance: the lesion is generally irreversible, leading to partial or total loss of the organ function [33]).

<b>Organ (Org)</b>	<b>Functional unit of the tissue (t)</b>	<b>Alteration (alt)</b>	<b>Importance factor (<math>\omega_{if}</math>)</b>
<b>Brain</b>	Meninges/brain parenchyma	structural alterations	1
<b>Eye</b>	Retina/cornea	hemorrhage	1
<b>Kidney</b>	Tubule/glomerulus	deposits	1
<b>Heart</b>	myocardium	edema	1
<b>Liver</b>	Liver tissue/interstitial tissue	hyperplasia	2
<b>Intestinal</b>	Mucosa layer	infiltration	2
<b>Spleen</b>	Interstitial tissue	Atrophy	2
<b>Lung</b>	Alveolar/capillaries	necrosis	3

Table S3. Primer sequences in this study.

Gene name	Primer sequence (5'-3')	Size (bp)	GenBank accession number
<i>NFKB</i>	F: AGGAACAAGATCATCATAGAGGAC R: TCAGAAAGAGGGGCCAAGTG	157	XM_040329914.1
<i>COX2</i>	F: CGCAGCCTCCCCATTATAG R: GATGCGAAGAGATGGGAGGG	217	ON746668.1
<i>IL-8</i>	F: ACCCTTACCCTCTTCCTGCT R: TCAGCTTCACACACTGGCA	95	XM_040335899.1
<i>TLR4</i>	F: ACACCTTCAAGGCTCGCTAC R: ATGATGGGTCGCCATCTTCC	278	XM_040322748.1
<i>CARD9</i>	F: AAAGGAGGCCACCATTAGGC R: TCGCATGACAGCATTGGTCT	190	XM_040324146.1
<i><math>\beta</math>-actin</i>	F: TGCTCTGGACTTTGAGCAGG R: ACTTGTCCATCAGGCAGCTC	84	XM_040357114.1

F, forward primer; R, reverse primer. *NFKB*: nuclear factor kappa B, *COX2*: Cyclooxygenase 2, *IL-8*: interleukin-8-like, *TLR4*: toll like receptor 4, *CARD9*: caspase recruitment domain family member