

S6 Table: Clinical score determination of mice to assess severity of disease

Observation		Score points
<b>I Body weight</b>		
- No change		0
- Loss of body weight in % = score points; e.g. loss of body weight 8% = 8 points		1-20
- Loss of body weight $\geq 20\%$		20
<b>II General conditions</b>		
<b>Fur</b>		
- Shining		0
- Matte		2
- Ruffled		4
<b>Eyes</b>		
- Clear and clean		0
- Unclean and sticky, closed or semi-closed		3
<b>Posture</b>		
- Normal		0
- Hunched		10
- Massively hunched		20
<b>Clinical complications</b>		
- Tension, paralysis, tremor		20
- Breath noises		20
- Animal feels cold to the touch		20
<b>III Motility</b>		
- Spontaneous (normal behavior, social contacts)		0
- Spontaneous but reduced		1
- Moderately reduced activity		2
- Motility only after stimulation		5
- Isolation, lethargy, coordination disorders		10
- Self-mutilation, aggression		20
<b>IV Respiration</b>		
- Breathing normal		0
- Breathing slightly changed		1
- Accelerated breathing + 30% (tachypnoea)		10
- Strongly accelerated breathing + 50%		20
<b>Rating</b>	<b>measures</b>	<b>Sum score pts</b>
Severity level 0	no burden on animals, animals healthy	0-3
Severity level 1	low burden on animals, low sickness, animals are observed	4-9
Severity level 2	moderate burden on animals, moderate sickness, animals are carefully observed	10-15
Severity level 3	moderate to severe burden on animals, moderate to severe sickness, animals are carefully observed, abort of experiment if necessary	16-20
Severity level 4	severe burden on animals, animals moribund, implementation of humane endpoint, abort of experiment	>20