**Table S4** Scoring of clinical signs in mice infected with *R. pneumotropicus* 

| Parameters                       | 0  | 1  | 2  |
|----------------------------------|--|--|--|
| body weight                      | steady or increase   | ≥5% decrease   | ≥20% decrease  |
| coat<br>breathing<br>dehydration | smooth, fitting, shining<br>normal, rhythmic<br>normal skin elasticity | rough, decreased grooming<br>fast, superficial<br>degraded skin elasticity | ruffled, no grooming fast, abdominal persisting skin fold, caved in eyes |
| posture                          | normal<br>normal   | bended back  | cowering caved in  |
| eyes<br>behaviour                | normal, active, curious  | tweak, discharge depression  | apathy, isolation from group   |
| motion                           | no anomaly   | incoordination   | apraxia, tumbling  |