Supplemental Table S1; The age (n = 21), duration of illness (n = 10) and predominant clinical signs (n = 20) are listed according to the bovine intracranial tumor types.

| Tumor type (n)                  | Median duration of clinical signs (days) | Behavioral changes/Altered mental state | Opisthotonus/tremor | Cranial nerve deficits | Vestibular signs | Cerebellar incoordination | Paresis |
|---------------------------------|------------------------------------------|----------------------------------------|---------------------|------------------------|------------------|---------------------------|---------|
| Oligodendroglioma (6)           | 7.7 ± 3.9 (range 7-10)                   | 4                                      | 0                   | 0                      | 2                | 2                         | 1       |
| Astrocytoma (3)                 | 8.2 ± 1.89 (range 5-90)                  | 1                                      | 0                   | 0                      | 0                | 1                         | 1       |
| Undefined gliomas (2)           | NR                                       | 1                                      | 0                   | 0                      | 2                | 0                         | 0       |
| Meningioma (3)                  | 3.5 ± 0.87 (range 14-42)                 | 1                                      | 1                   | 1                      | 1                | 0                         | 2       |
| Metastasizing carcinoma (4)     | 5.3 ± 1.64 (range 5-150)                 | 1                                      | 0                   | 1                      | 2                | 3                         | 0       |
| Medulloblastoma (1)             | 1 ± 0.7 (range 14)                       | 1                                      | 0                   | 0                      | 1                | 1                         | 0       |
| Choroid plexus carcinoma (1)    | 11                                        | 1                                      | 0                   | 0                      | 0                | 0                         | 0       |
| All tumors                      | 5.7 ± 3.6 (range 5-150)                  | 10                                     | 1                   | 2                      | 8                | 9                         | 4       |

NR not recorded
Supplemental Table S2; Anatomical location(s) for 24 intracranial bovine tumors

| Tumor type (n)                               | Cerebral cortex | Basal ganglion/Thalamus | Midbrain | Brainstem | Cerebellum | Intra ventricular |
|----------------------------------------------|----------------|-------------------------|----------|-----------|------------|------------------|
| Oligodendrogioma (6)                         | 0              | 0                       | 0        | 6         | 2          | 5                |
| Astrocytoma (4)                              | 0              | 4                       | 2        | 0         | 0          | 0                |
| Undefined glioma (2)                        | 0              | 1                       | 0        | 0         | 1          | 0                |
| Meningioma (5)                               | 3              | 1                       | 1        | 0         | 0          | 1                |
| Metastatic carcinoma (4)                     | 0              | 0                       | 1        | 4         | 0          | 1                |
| Medulloblastoma (2)                          | 0              | 0                       | 0        | 0         | 2          | 0                |
| Choroid plexus carcinoma (1)                 | 0              | 0                       | 0        | 0         | 0          | 1                |