Supplemental Figure 2

raw_images for Figure 2A

**phos-Akt (Thr308)**

**phos-Akt (Ser473)**

**pan-Akt**
raw_images for Figure 2E

**Phos-GSK3β (Ser9)**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 20 | 35 | 55 | 70 | 40 |

**Total-GSK3β**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 20 | 35 | 55 | 70 | 40 |
raw_images for Figure 2H

**phos-S6K1 (Thr389)**

Animal ID: A, B, C, D, E, F, G, H

**phos-S6K1 (Thr421/Ser424)**

Animal ID: A, B, C, D, E, F, G, H

**total-S6K1**

Animal ID: A, B, C, D, E, F, G, H
raw_images for Figure 2L

**phos-rpS6 (Ser235/236)**

| Animal ID | Active | Hibernating |
|-----------|--------|-------------|
| A         |        |             |
| B         |        |             |
| C         |        |             |
| D         |        |             |
| E         |        |             |
| F         |        |             |
| G         |        |             |
| H         |        |             |

**phos-rpS6 (Ser240/244)**

| Animal ID | Active | Hibernating |
|-----------|--------|-------------|
| A         |        |             |
| B         |        |             |
| C         |        |             |
| D         |        |             |
| E         |        |             |
| F         |        |             |
| G         |        |             |
| H         |        |             |

**total-rpS6**

| Animal ID | Active | Hibernating |
|-----------|--------|-------------|
| A         |        |             |
| B         |        |             |
| C         |        |             |
| D         |        |             |
| E         |        |             |
| F         |        |             |
| G         |        |             |
| H         |        |             |
raw_images for Figure 3A

**phos-MEK1/2 (Ser217/221)**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 40 | 55 | 35 | 20 | 70 | 35 | 20 | 55 |

**total-MEK1/2**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 15 | 20 | 35 | 40 | 55 | 70 | 70 | 90 |
raw_images for Figure 3D

**phos-ERK1/2 (Thr202/Tyr204)**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 20 | 35 | 10 | 15 | 40 | 55 |   |   |

**total-ERK1/2**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 20 | 35 | 10 | 15 | 40 | 55 |   |   |
raw_images for Figure 3G

**phos-p38 MAPK (Thr180/Tyr182)**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 10 | 15 | 20 | 25 | 30 | 35 | 40 | |

**total-p38 MAPK**

| Animal ID | A | B | C | D | E | F | G | H |
|-----------|---|---|---|---|---|---|---|---|
| M.W. Marker | 20 | 35 | 40 | |

raw_images for Figure 4D

**phos-TSC2 (Ser939)**

**phos-TSC2 (Ser1387)**

**total-TSC2**