Supplementary table 5. Chelicerate species included in comparative analyses of DNA methylation patterns.

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| --- | --- | --- | --- | --- |
| Taxonomic group | Species | Genome | Gene list | Reference |
| Spiders | *P. tepidariorum* | X | X | (Schwager, et al. 2017) |
| *L. hesperus* | X | X | i5K |
| *N. clavipes* | X | X | (Babb, et al. 2017) |
| *S. mimosarum* | X | X | (Sanggaard, et al. 2014) |
| *L. reclusa* | X | X | i5K |
| Scorpions | *C. sculpturatus* | X | X | (Schwager, et al. 2017) |
| *M. martensii* | X |  | (Cao, et al. 2013) |
| Parasitiformes | *I. scapularis* | X | X | (Gulia-Nuss, et al. 2016) |
| *I. ricinus* | X |  | (Cramaro, et al. 2017) |
| *R. microplus* | X | X | (Barrero, et al. 2017) |
| *V. jacobsoni* | X | X |  |
| *V. destructor* | X | X | (Cornman, et al. 2010) |
| *T. mercedesae* | X | X | (Dong, et al. 2017) |
| *M. occidentalis* | X | X | (Hoy, et al. 2016) |
| Acariformes | *D. farinae* | X |  | (Chan, et al. 2015) |
| *D. pteronyssinus* | X |  | (Randall, et al. 2018) |
| *E. maynei* | X | X | (Morgan, et al. 2017) |
| *S. scabiei* | X | X | (Rider, et al. 2015) |
| *T. urticae* | X | X | (Grbic, et al. 2011) |
| *D. tinctorium* |  | X | (Dong, et al. 2018) |
| *L. deliense* |  | X | (Dong, et al. 2018) |
| Horseshoe crab | *L. polyphemus* | X | X | (Nossa, et al. 2014) |