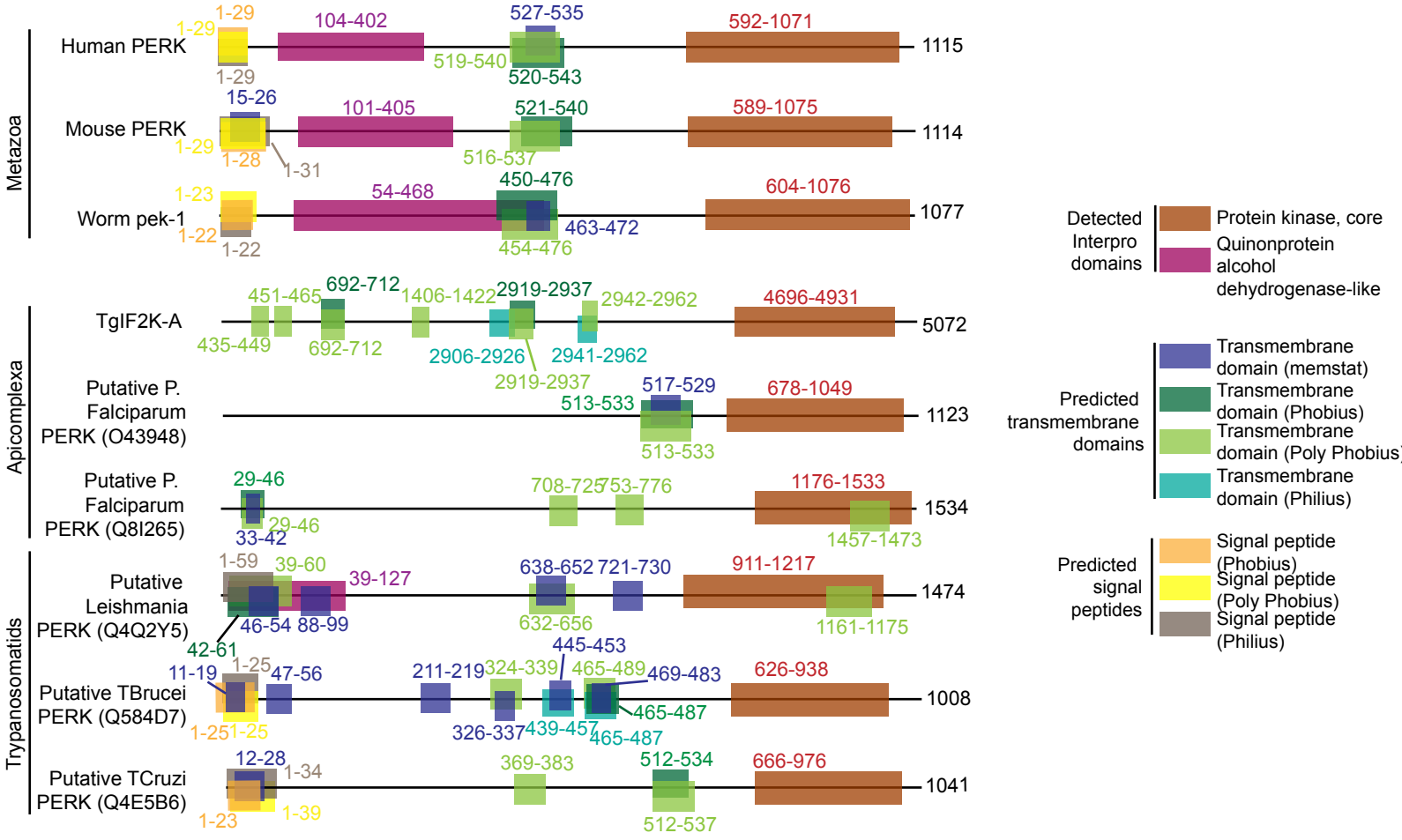
Metazoa
Human PERK
1-29
1-29
104-402
527-535
592-1071
519-540
520-543
1115
Mouse PERK
15-26
101-405
521-540
589-1075
1-29
1-28
1-31
516-537
1114
Worm pek-1
1-23
1-22
54-468
450-476
604-1076
463-472
454-476
1077
Apicomplexa
TgIF2K-A
451-465
692-712
1406-1422
2919-2937
2942-2962
4696-4931
435-449
692-712
2906-2926
2941-2962
2919-2937
5072
Putative P. Falciparum PERK (O43948)
517-529
513-533
678-1049
513-533
1123
Putative P. Falciparum PERK (Q8I265)
29-46
708-725
753-776
1176-1533
29-46
33-42
1457-1473
1534
Trypanosomatids
Putative Leishmania PERK (Q4Q2Y5)
1-59
39-60
39-127
638-652
721-730
911-1217
46-54
88-99
632-656
1161-1175
42-61
1474
Putative TBrucei PERK (Q584D7)
11-19
1-25
47-56
211-219
324-339
445-453
465-489
469-483
626-938
1-25
1-25
326-337
439-457
465-487
465-487
1008
Putative TCruzi PERK (Q4E5B6)
12-28
1-34
369-383
512-534
666-976
1-23
1-39
512-537
1041
Detected Interpro domains
Protein kinase, core
Quinonprotein alcohol dehydrogenase-like
Predicted transmembrane domains
Transmembrane domain (memstat)
Transmembrane domain (Phobius)
Transmembrane domain (Poly Phobius)
Transmembrane domain (Philius)
Predicted signal peptides
Signal peptide (Phobius)
Signal peptide (Poly Phobius)
Signal peptide (Philius)

A