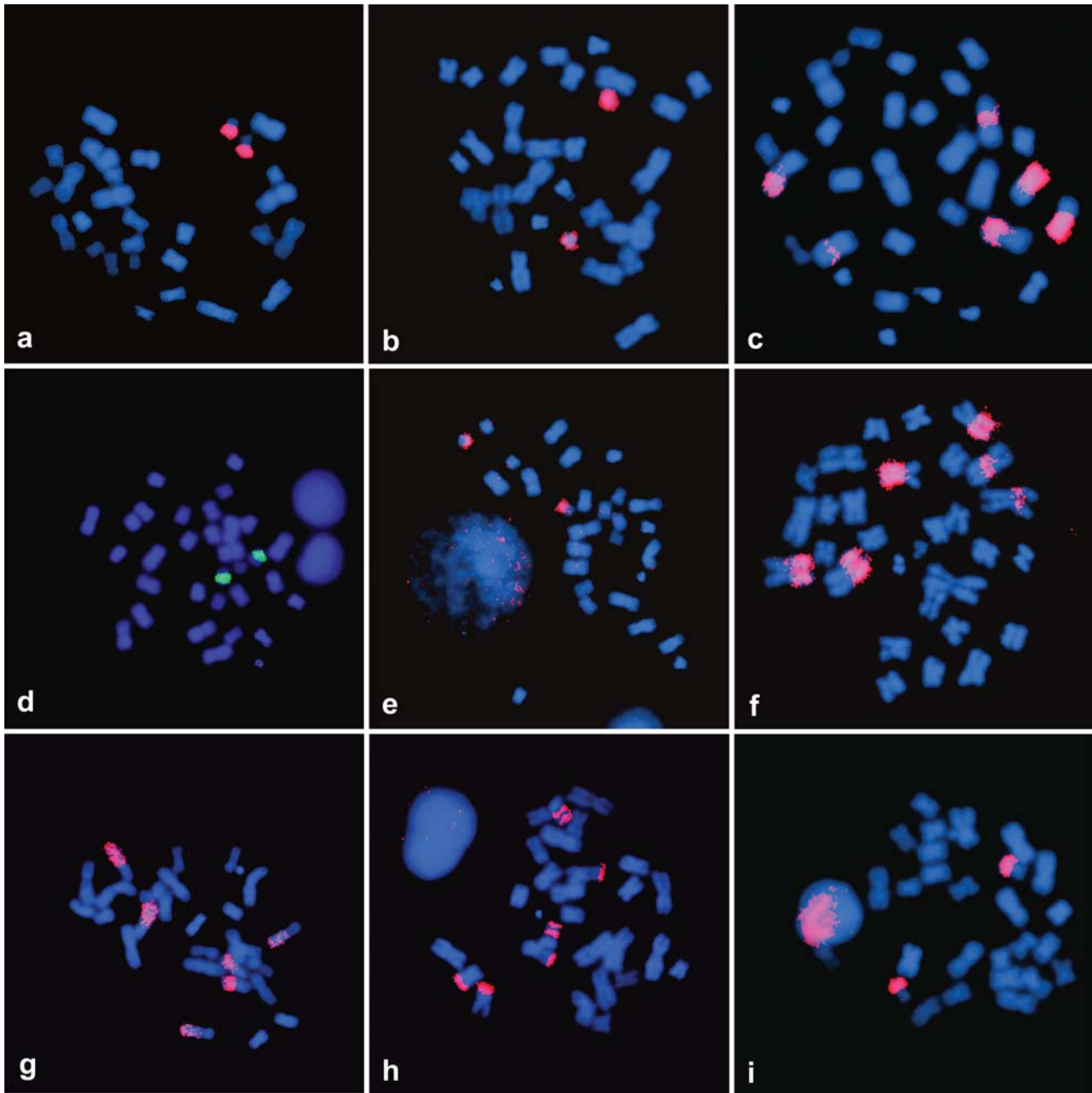


Supplementary figure 1.

Examples of FISH onto mitotic metaphases of *D. ecaudata* (a–c), *D. youngi* (d–f), and *D. rotundus* (g–i) with whole chromosome paints of *P. hastatus*: (a) PHA7, (b) PHA11, (c) PHA14, (d, g) PHA8, (e, h) PHA10, (f) PHA15, (i) PHAX.



Supplementary figure 2.

Chromosome painting with *C. brevicauda* probes onto *D. ecaudata* (a–c), *D. youngi* (d–f), and *D. rotundus* (g–i) karyotypes: CBR8 (a, d), CBR9 (b, e, i), CBRY2 (c, f), CBR3 (g), CBR6 (h).