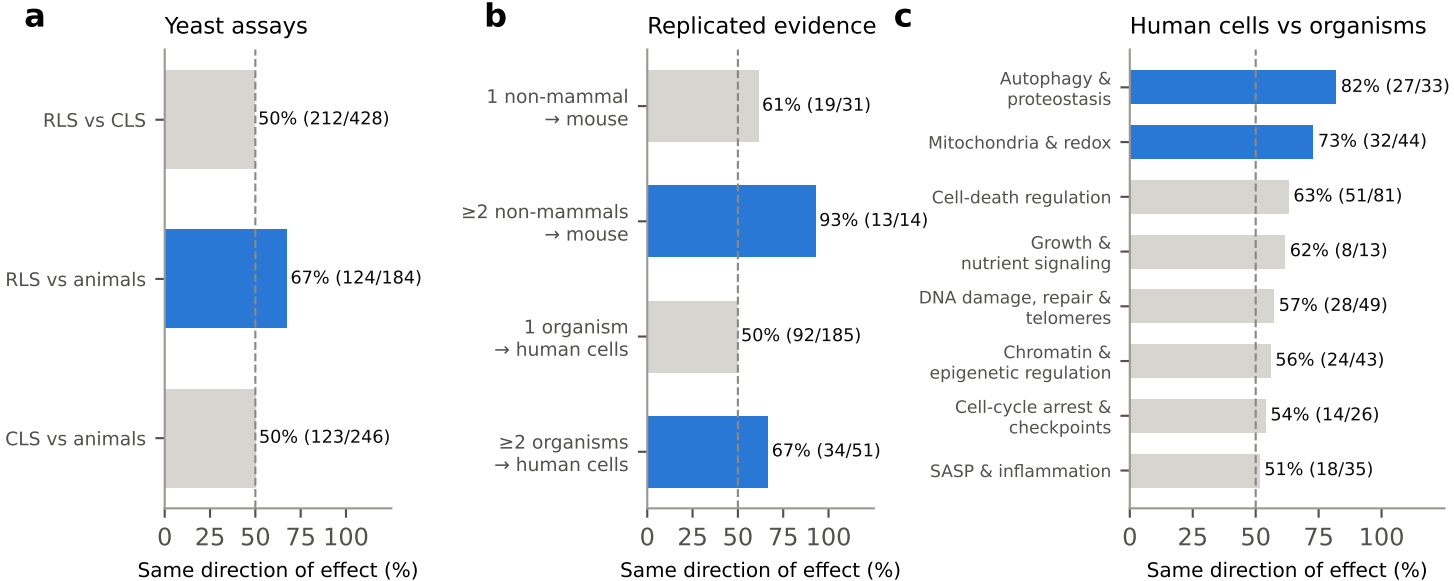

a
Yeast assays
RLS vs CLS
50% (212/428)
RLS vs animals
67% (124/184)
CLS vs animals
50% (123/246)
0 25 50 75 100
Same direction of effect (%)
b
Replicated evidence
1 non-mammal → mouse
61% (19/31)
≥2 non-mammals → mouse
93% (13/14)
1 organism → human cells
50% (92/185)
≥2 organisms → human cells
67% (34/51)
0 25 50 75 100
Same direction of effect (%)
c
Human cells vs organisms
Autophagy & proteostasis
82% (27/33)
Mitochondria & redox
73% (32/44)
Cell-death regulation
63% (51/81)
Growth & nutrient signaling
62% (8/13)
DNA damage, repair & telomeres
57% (28/49)
Chromatin & epigenetic regulation
56% (24/43)
Cell-cycle arrest & checkpoints
54% (14/26)
SASP & inflammation
51% (18/35)
0 25 50 75 100
Same direction of effect (%)