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Figure S1a


0.02
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R_norvegicus-oaz3
M_musculus-oaz3
M_lucifugus-oaz3
O_cuniculus-oaz3
B_taurus-oaz3
S_scrofa-oaz3
L_africana-oaz3
C_familiaris-oaz3
M_mulatta-oaz3
P_troglodytes-oaz3
H_sapiens-oaz3
P_promelas-AZR
D_rerio-AZR
P_promelas-oaz2
D_rerio-oaz2
G_aculeatus-oaz2
Tetraodon_nigroviridis-oaz2
T_rubripes-oaz2
T_marmorata-oaz2
L_erinacea-oaz2
X_laevis-oaz2
X_tropicalis-oaz2
T_guttata-oaz2
G_gallus-oaz2
M_domestica-oaz2
E_caballus-oaz2
M_musculus-oaz2
R_norvegicus-oaz2
M_fascicularis-oaz2
S_scrofa-oaz2
B_taurus-oaz2
O_aries-oaz2
C_familiaris-oaz2
M_nemestrina-oaz2
H_sapiens-oaz2
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I_punctatus-oaz1L
S_salar-oaz1L-2
O_mykiss-oaz1L-2
S_salar-oaz1L-1
O_mykiss-oaz1L-1
G_aculeatus-oaz1L
O_latipes-oaz1L
F_heteroclitus-oaz1L
Lipochromis-sp-oaz1L
P_olivaceus-oaz1L
T_nigroviridis-oaz1L
T_rubripes-oaz1L
P_promelas-oaz1L
D_rerio-oaz1L
O_latipes-oaz1S
S_salar-oaz1S-2
O_mykiss-oaz1S-2
O_tshawytscha-oaz1S-1
S_salar-oaz1S-1
O_mykiss-oaz1S-1
G_aculeatus-oaz1S
S_aurata-oaz1S
P_olivaceus-oaz1S
T_nigroviridis-oaz1S
T_rubripes-oaz1S
M_anguillicaudatus-oaz1S
P_promelas-oaz1S
C_carpio-oaz1S
D_rerio-oaz1S
L_erinacea-oaz1
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T_guttata-oaz1
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G_gallus-oaz1
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O_anatinus-oaz1
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M_mulatta-oaz1
P_troglodytes-oaz1
H_sapiens-oaz1
Bombyx
H_erato
A_gambiae
A_aegypti
C_tentans
L_longipalpis
G_morsitans
D_willistoni
D_pseudoobscura
D_persimilis
D_mojavensis
D_grimshawi
D_virilis
D_ananassae
D_erecta
D_yakuba
D_sechellia
D_melanogaster
B_floridae
N_vectensis
P_lividus
S_purpuratus
T_spiralis
X_index-2
X_index-1
A_pisum
L_perennis
M_persicae
Ap_gossypii
T_citricida
A_irradians
L_rubellus-2
L_rubellus-1
T_castaneum
Eucinetus-sp
C_clementina*
A_mellifera
H_coagulata
C_sapidus
C_maenas
A_gomesiana-2
A_gomesiana-1
I_scapularis
R_appendiculatus
A_variegatum
D_magna
A_franciscana
M_tectiformis
C_intestinalis
C_savignyi
H_magnipapillata
H_vulgaris
S_mediterranea
D_japonica
D_ryukyuensis
S_stercoralis
P_pacificus
P_trichosuri
A_cantonensis
N_americanus
A_caninum
A_ceylanicum
N_brasiliensis
H_contortus
T_circumcincta
O_ostertagi
C_briggsae
C_elegans
C_remanei
O_volvulus
M_halpa
M_javanica
H_glycines
G_pallida
T_thermophila
J_libera
S_ecuadoriensis
C_paradoxa
G_nostochinearum
U_maydis
G_intraradices
Y_lipolytica
S_japonicus
S_octosporus
S_pombe
C_neoformans
L_bicolour
A_bisporus
L_edodes
C_cinerea
P_taeda-1*
P_chrysosporium
T_versicolor
G_trabeum
A_gossypii
K_lactis
K_waltii
S_kluyveri
S_kudriavzevii
S_bayanus
S_mikatae
S_paradoxus
S_cerevisiae
S_castellii
C_glabrata
P_carinii
P_brasiliensis
A_capsulatus
T_lanuginosus
A_terreus
A_flavus
A_nidulans
A_clavatus
A_fumigatus
N_fischeri
A_pullulans
P_nodorum
H_vulgare*
G_pannorum
B_fuckeliana
S_sclerotiorum
O_piliferum
M_grisea
H_itxii
H_jecorina
G_moniliformis
G_zeae
N_crassa
C_heterothallicus
C_globosum
UCC
UUU
CCC
GUU
AUU
GCG
CCG