



**Figure S.10:** Optimal ML tree for the combined model Rps4/Nad5/nuc26S (-ln likelihood = 54575.69502; optimal parameters: A/C = 1.11660, A/G = 5.05961, A/T = 0.21653, C/G = 1.06108, C/T = 5.64569, G/T = 1(fixed); f(A) = 0.33561, f(C) = 0.18362, f(G) = 0.17805, f(T) = 0.30272; gamma shape = 0.573; proportion invariant = 0.341).