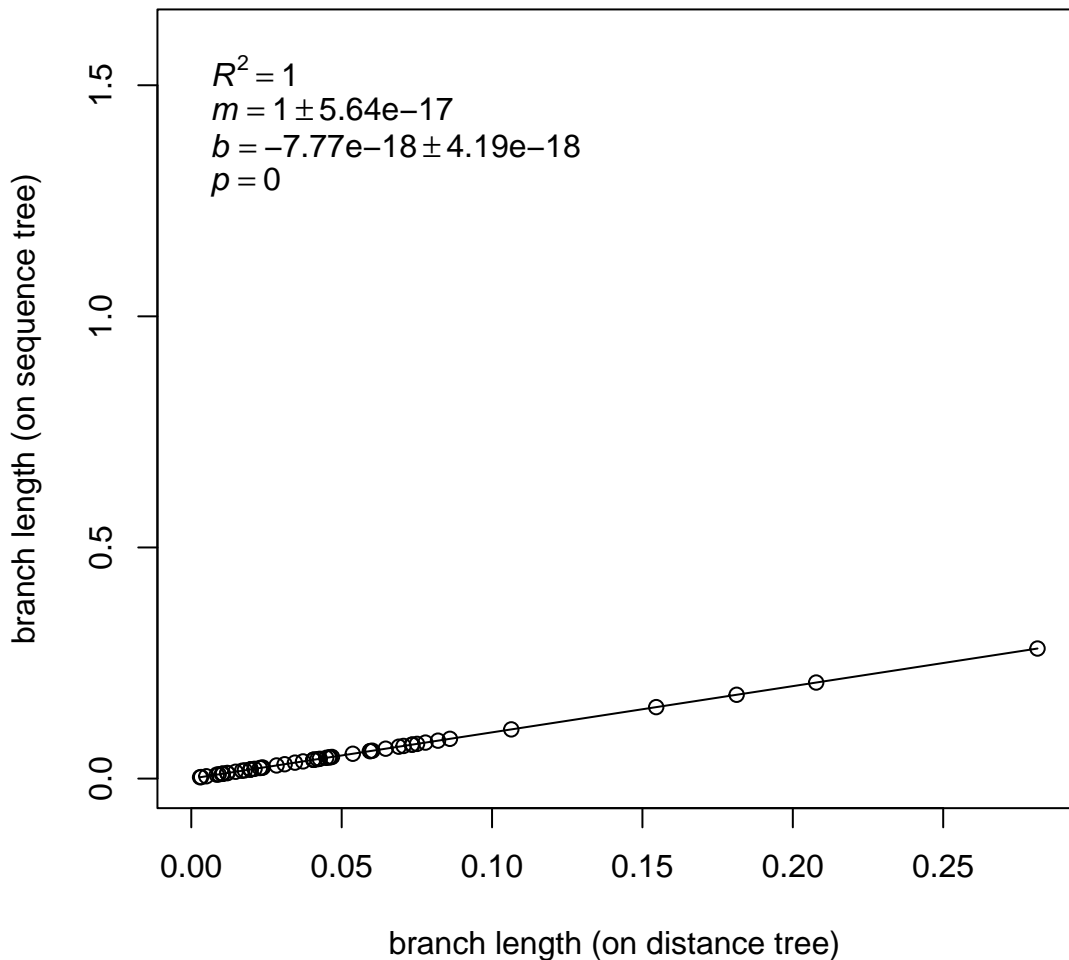
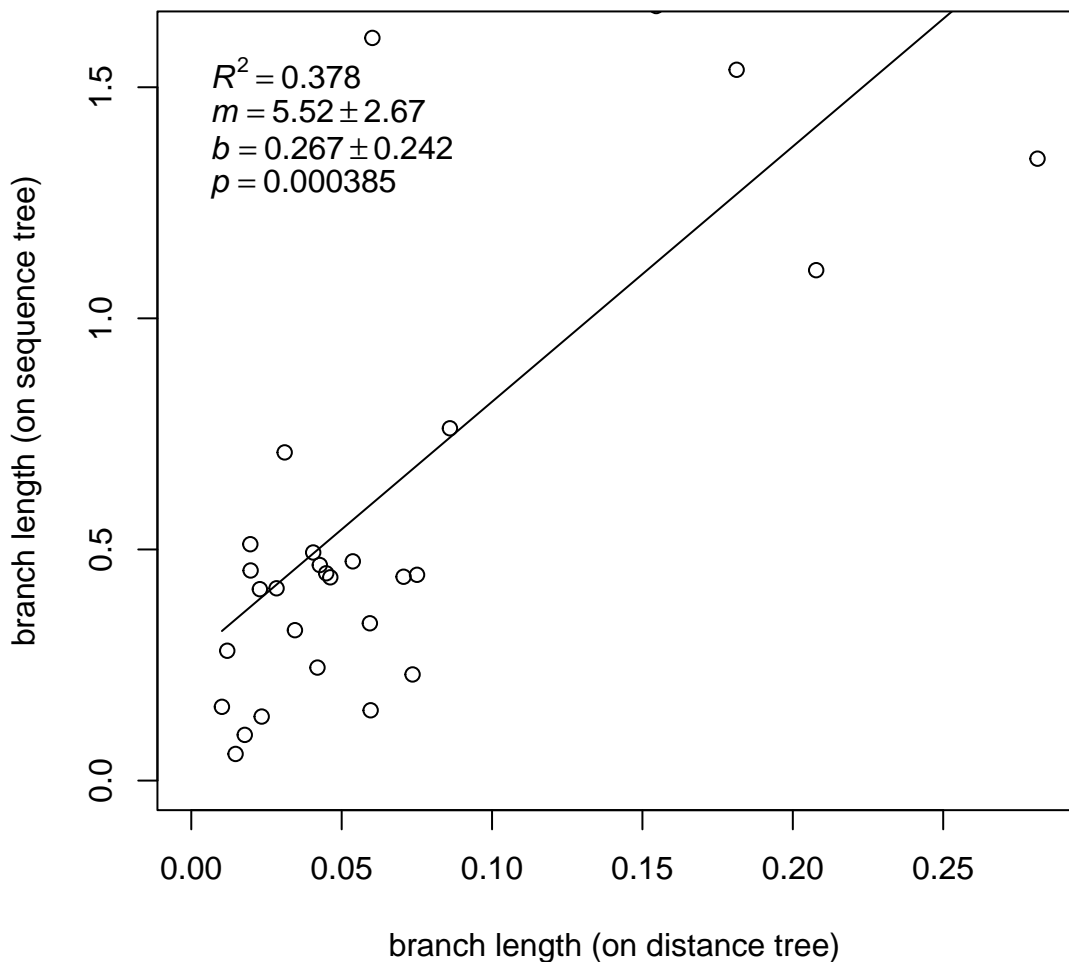


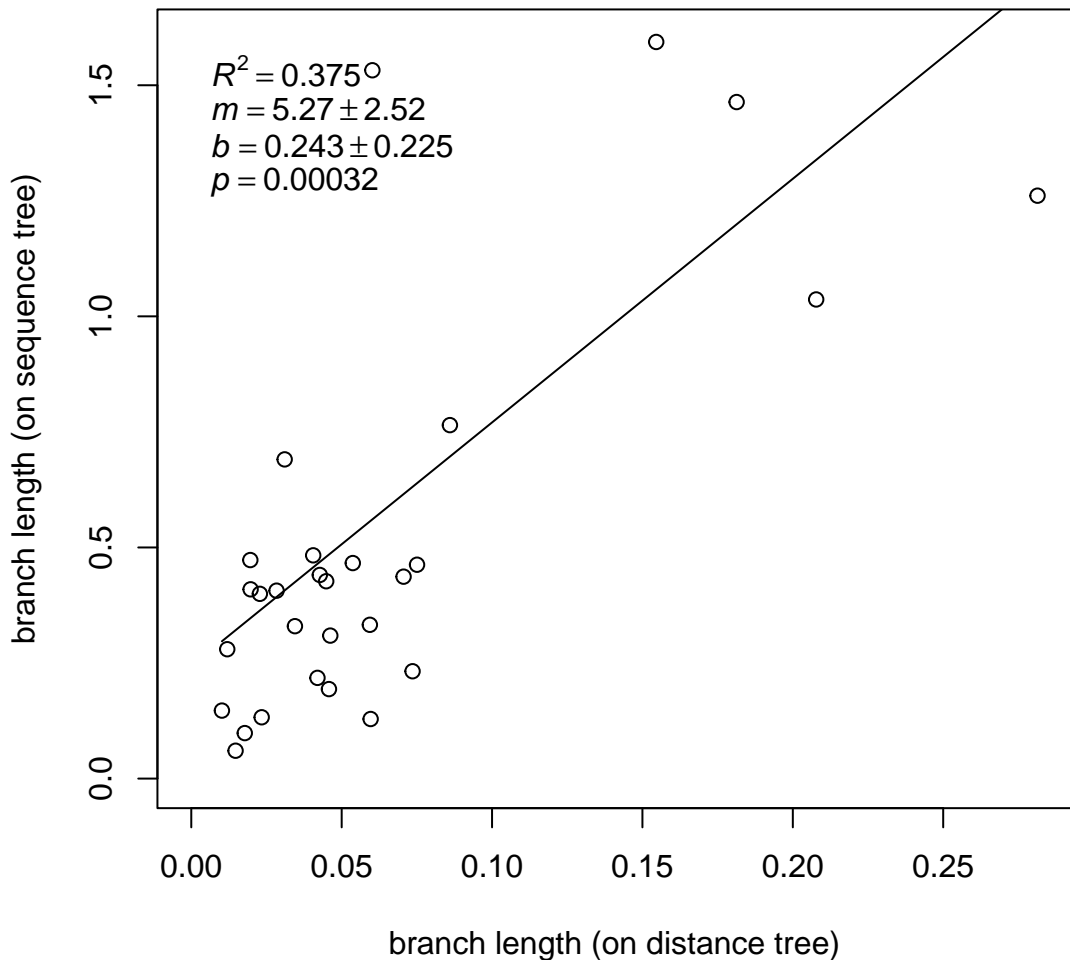
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (51/52 matches for #2: M20_distances_tr_wBootstraps)**



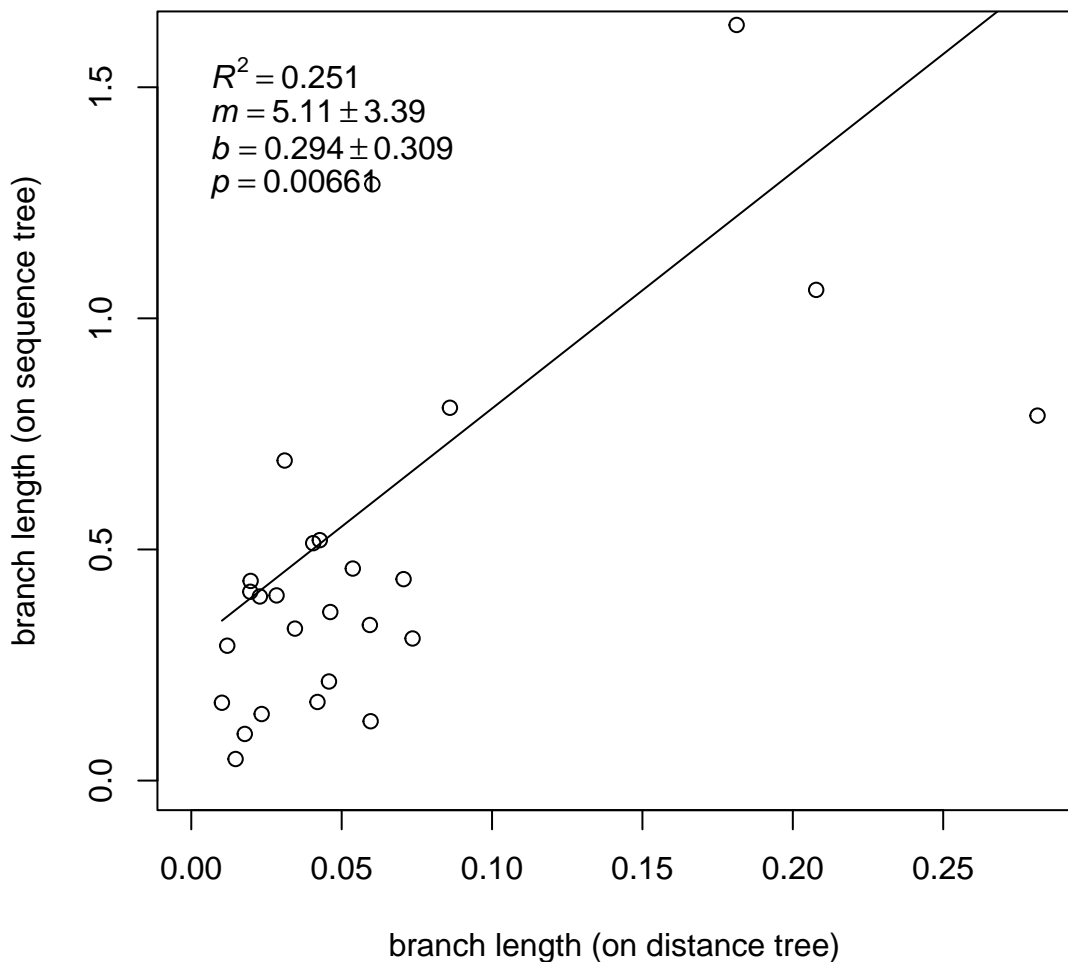
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (29/52 matches for #3: iqtree_FAMSA_AAonly_trim35)**



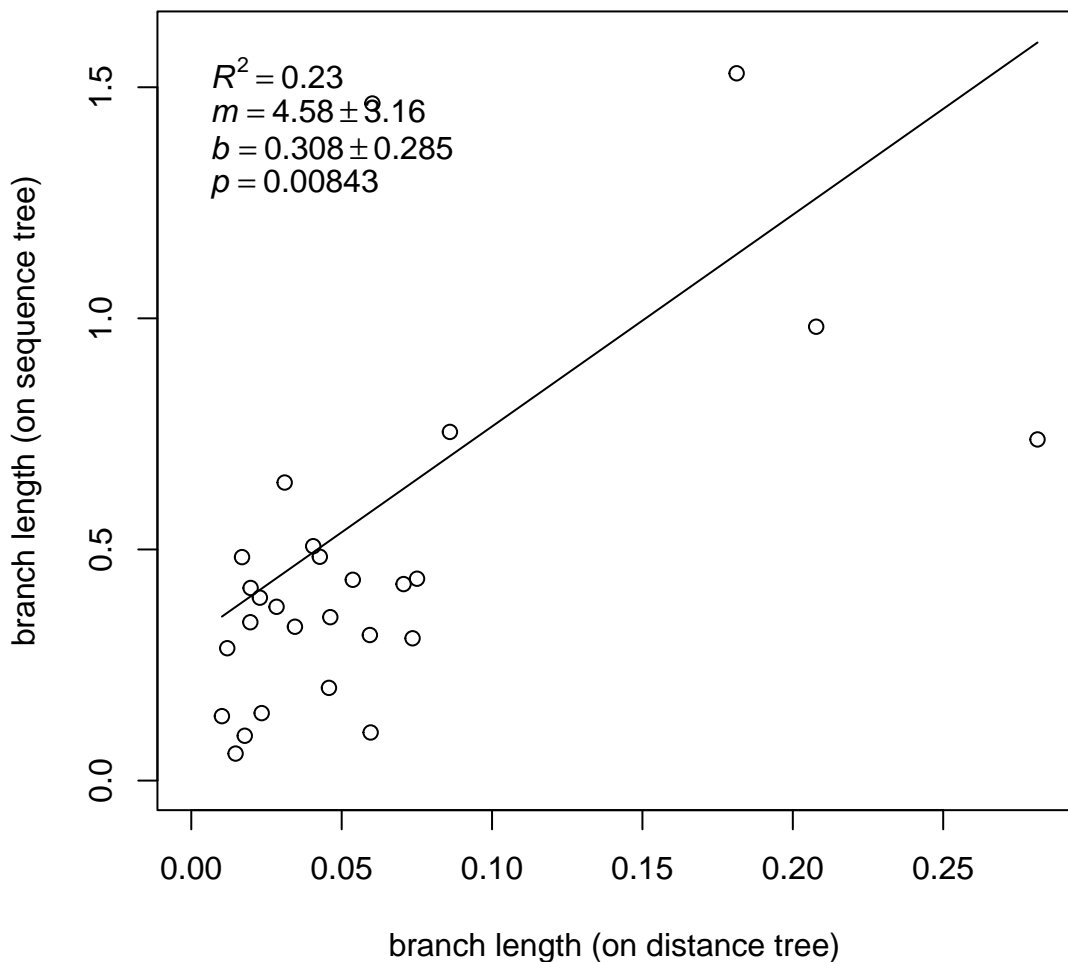
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (30/52 matches for #4: iqtree_FAMSA_AAonly_trim35_allmodels)**



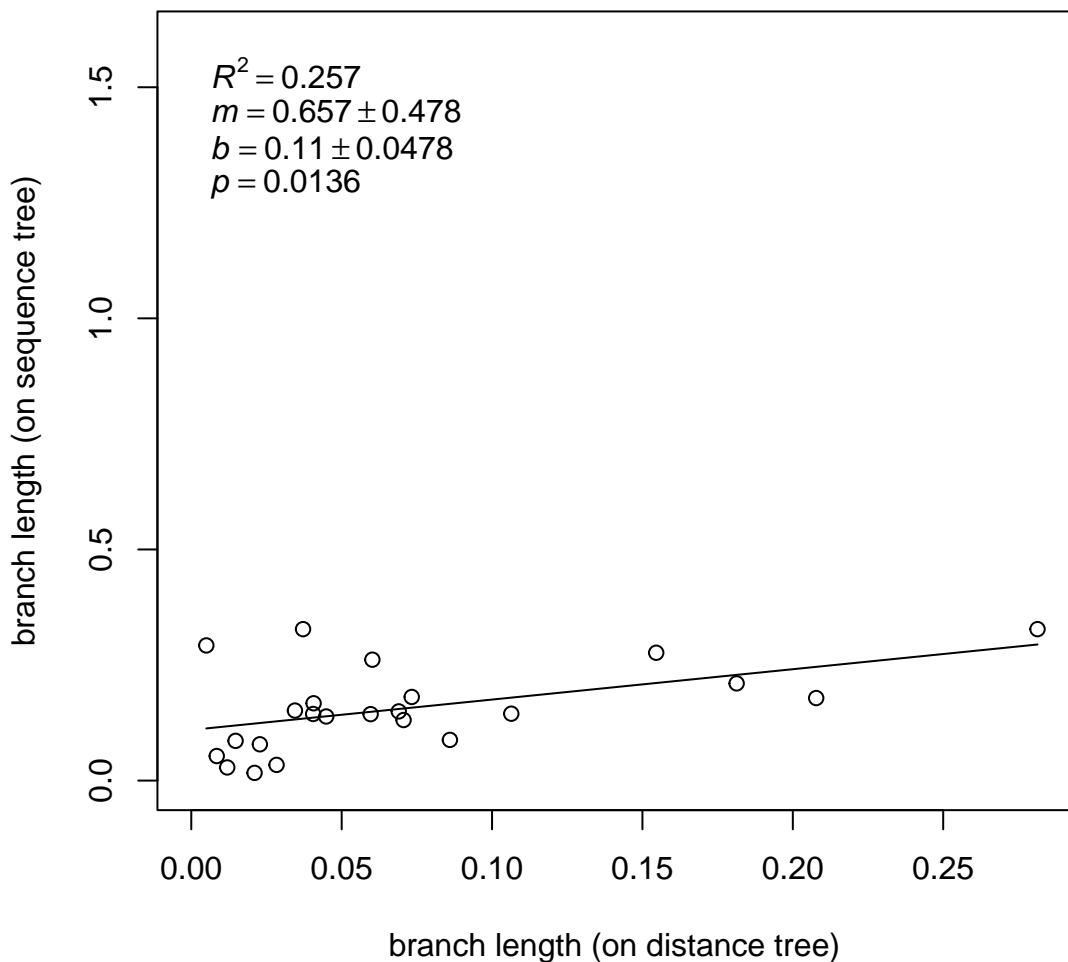
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (28/52 matches for #5: iqtree_FAMSA_AAonly_full)**



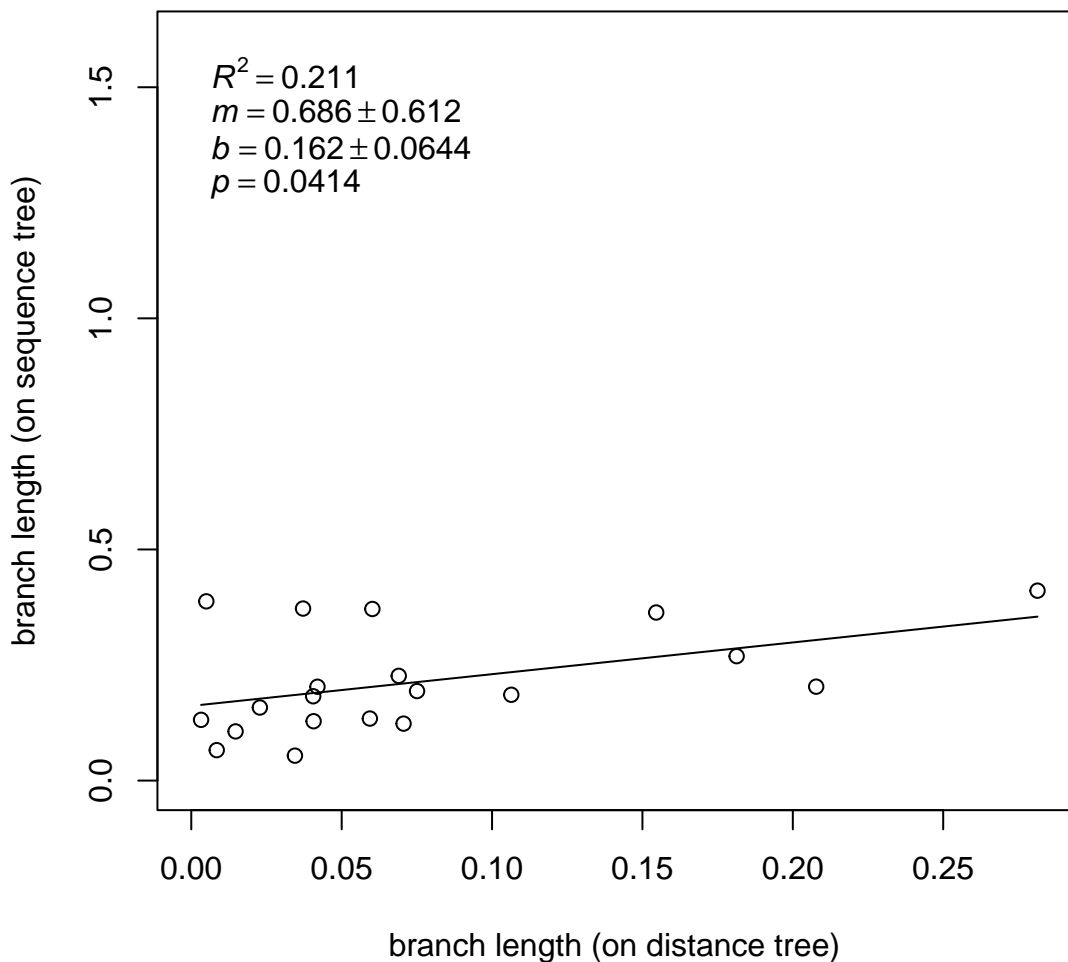
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (29/52 matches for #6: iqtree_FAMSA_AAonly_full_allmodels)**



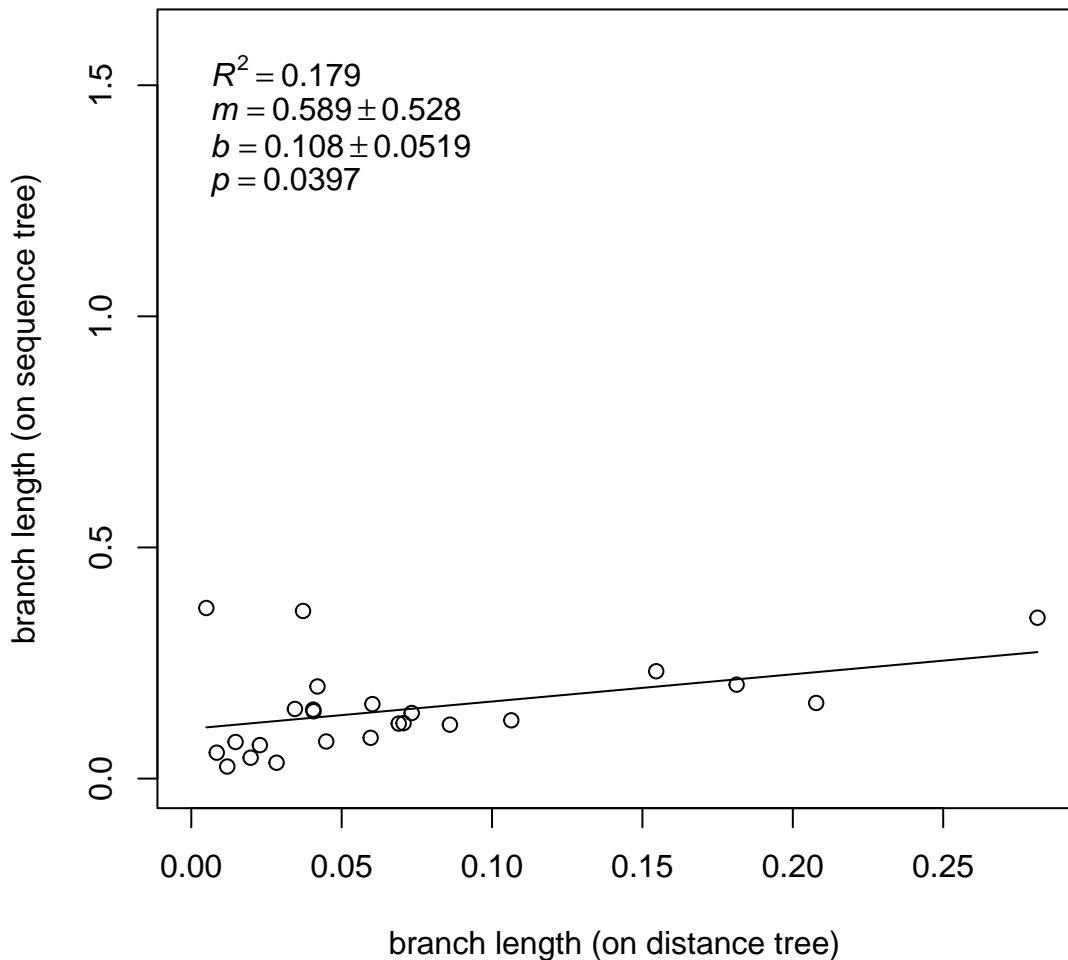
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (23/52 matches for #7: iqtree_FAMSA3di_3diFull)**



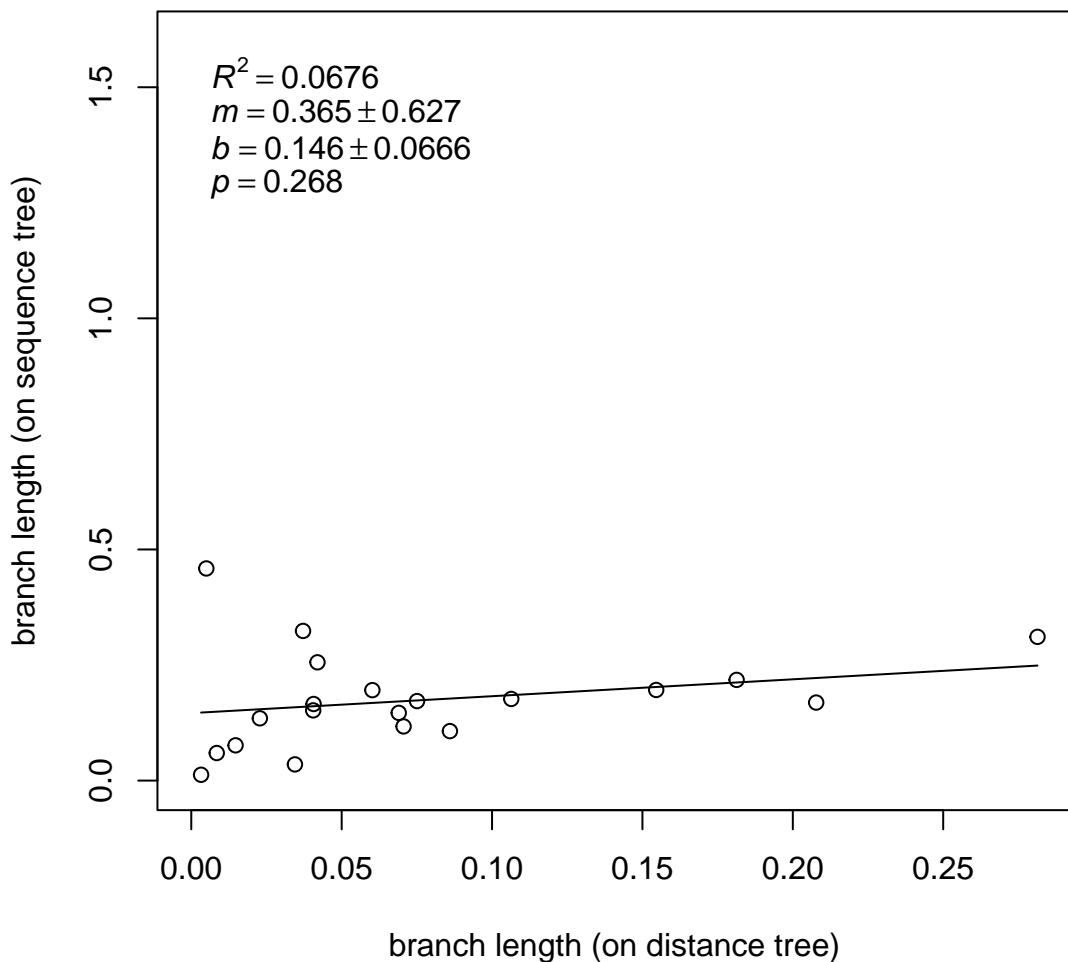
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (20/52 matches for #8: iqtree_FAMSA3di_3diFull_allmodels)**



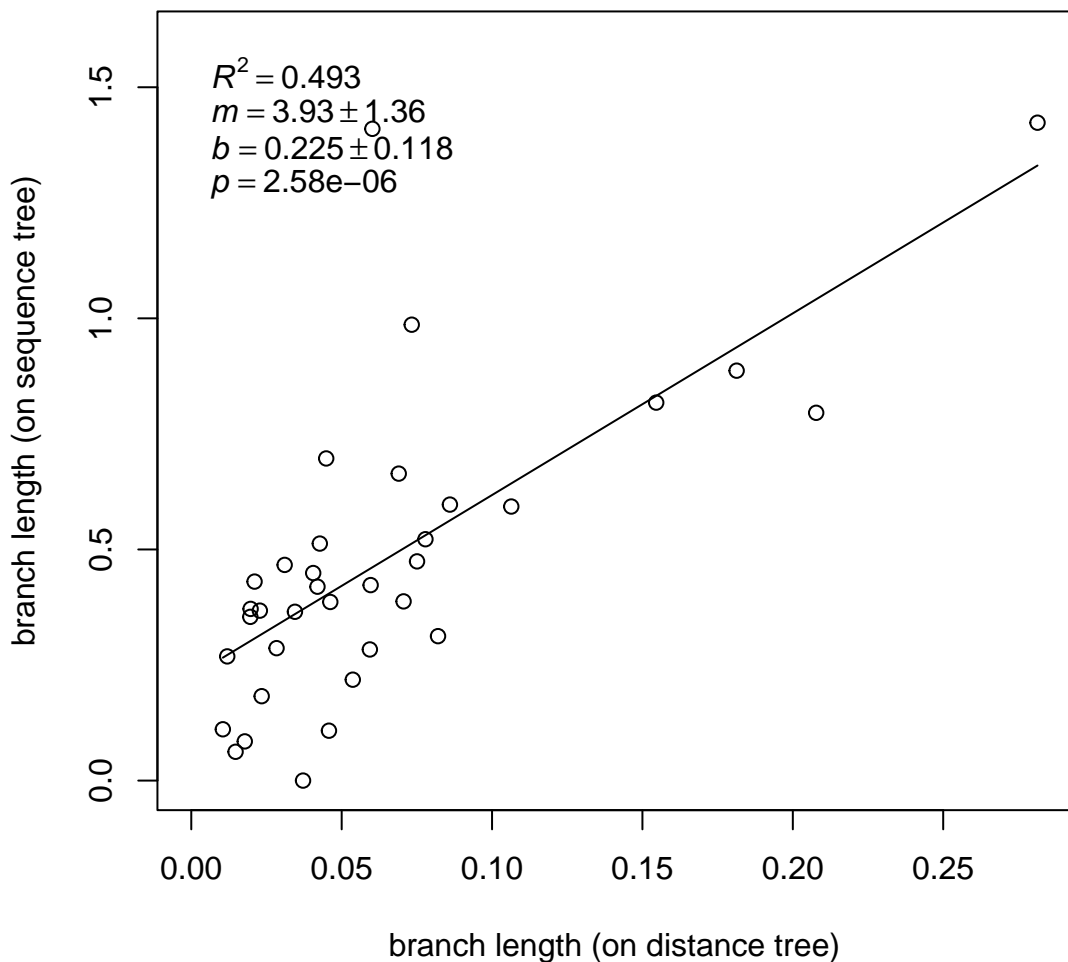
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (24/52 matches for #9: iqtree_FAMSA3di_3diTrim35)**



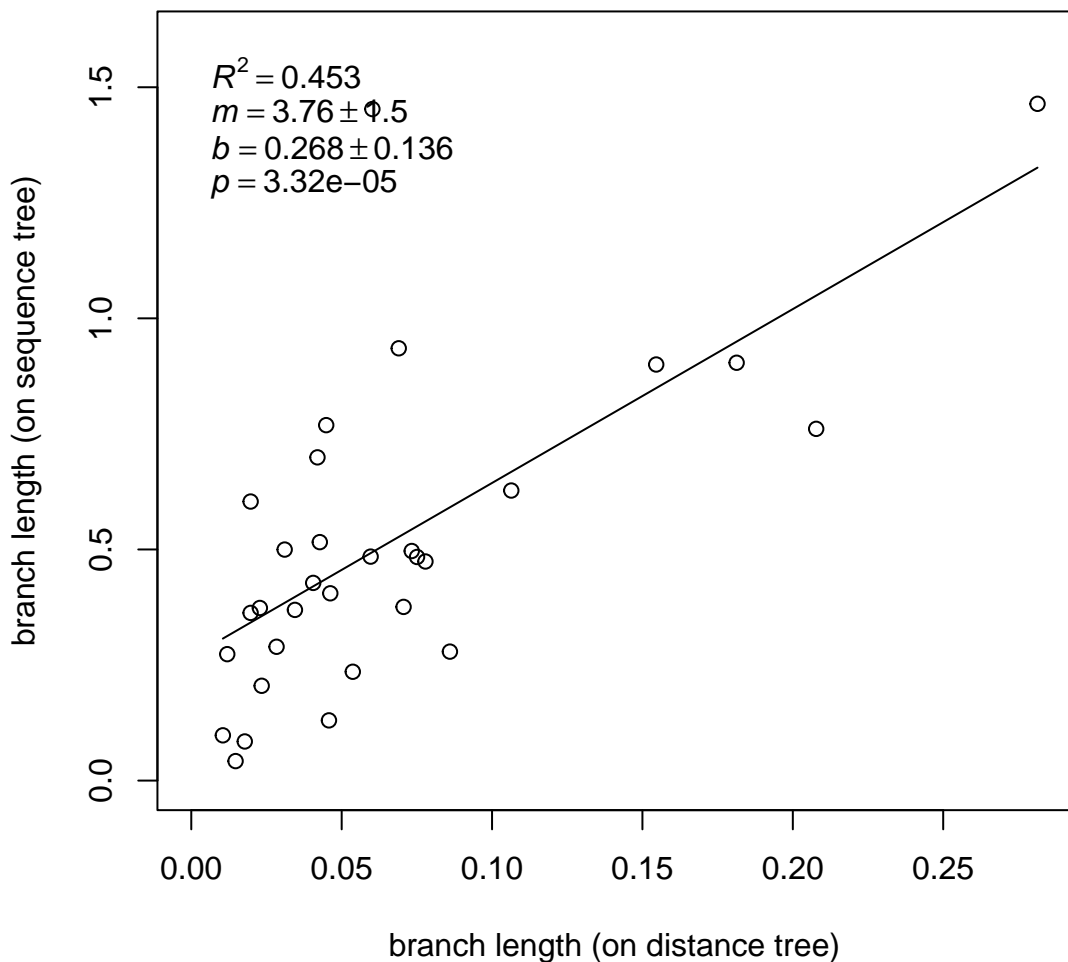
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (20/52 matches for #10: iqtree_FAMSA3di_3diTrim35_allmodels)**



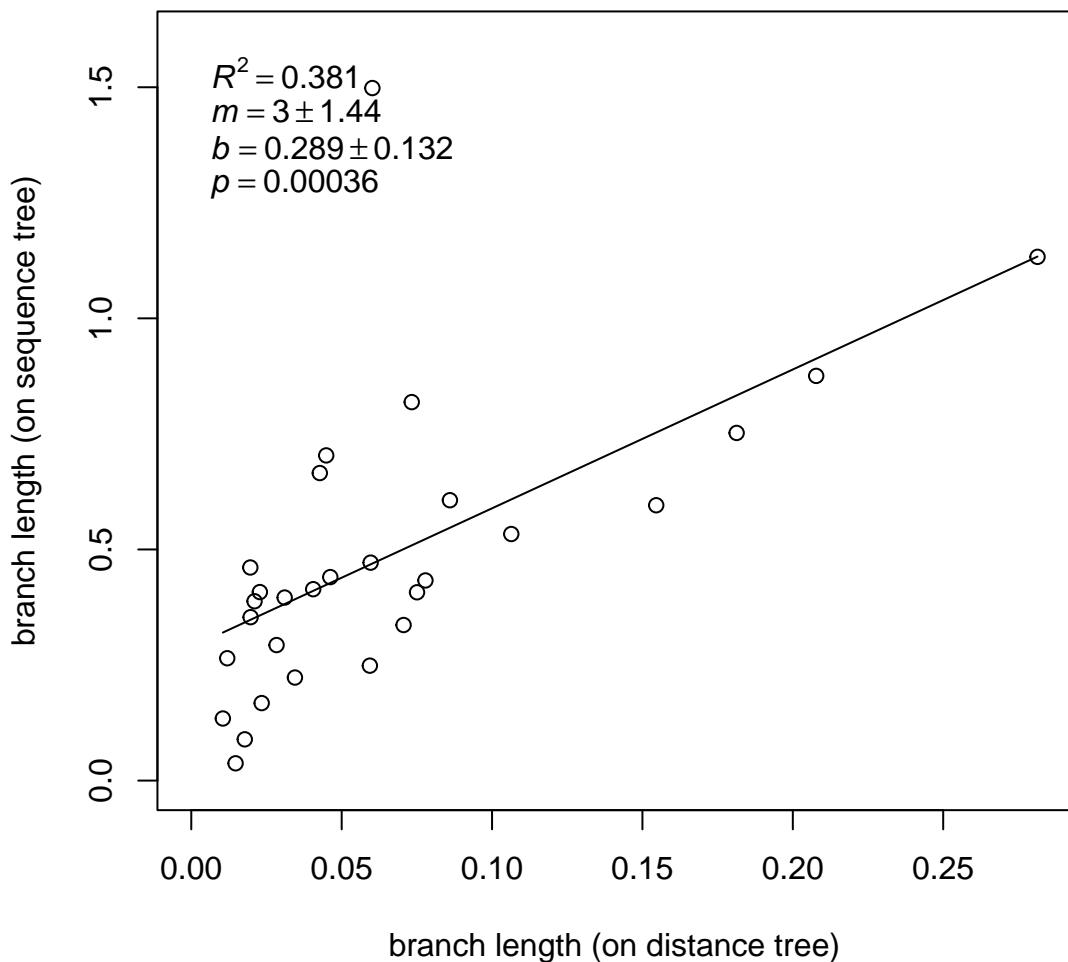
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #11: iqtree_FAMSA3di_AAfull)**



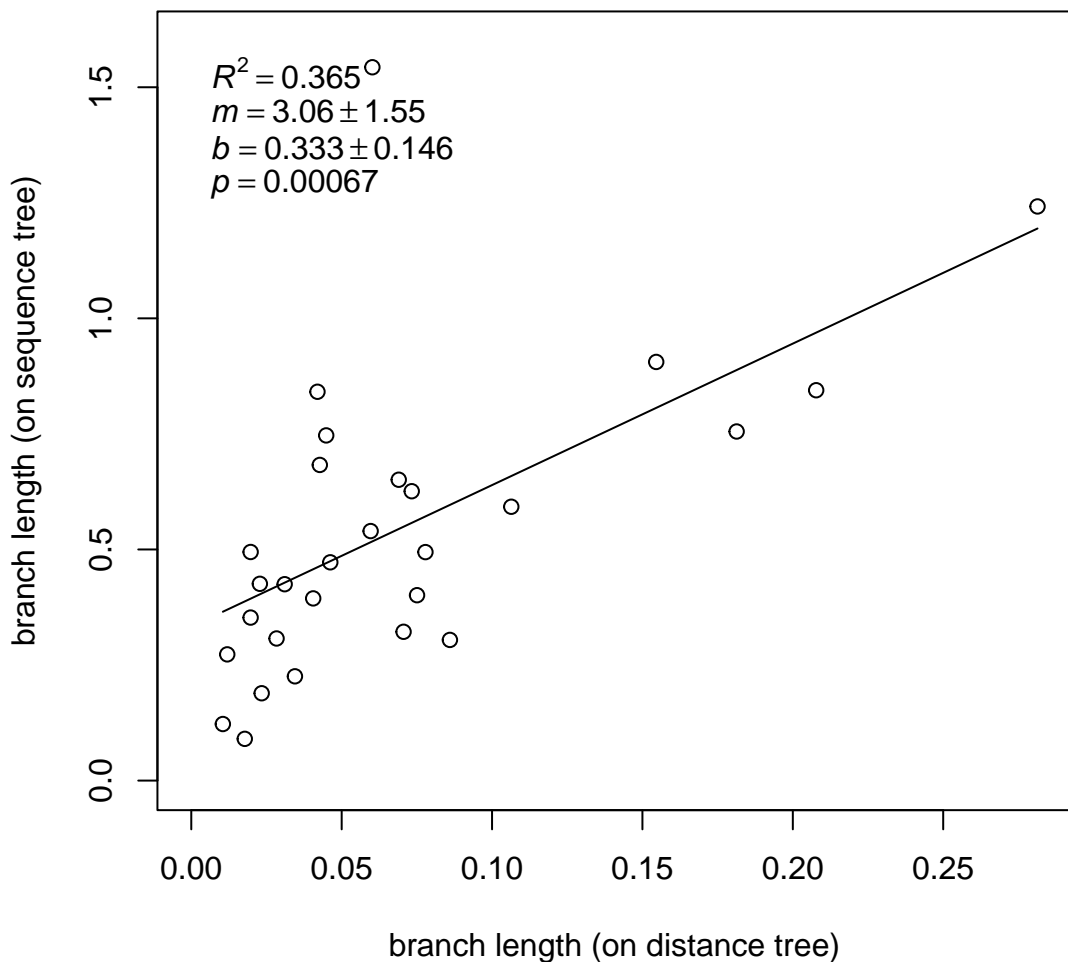
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #12: iqtree_FAMSA3di_AAfull_allmodels)**



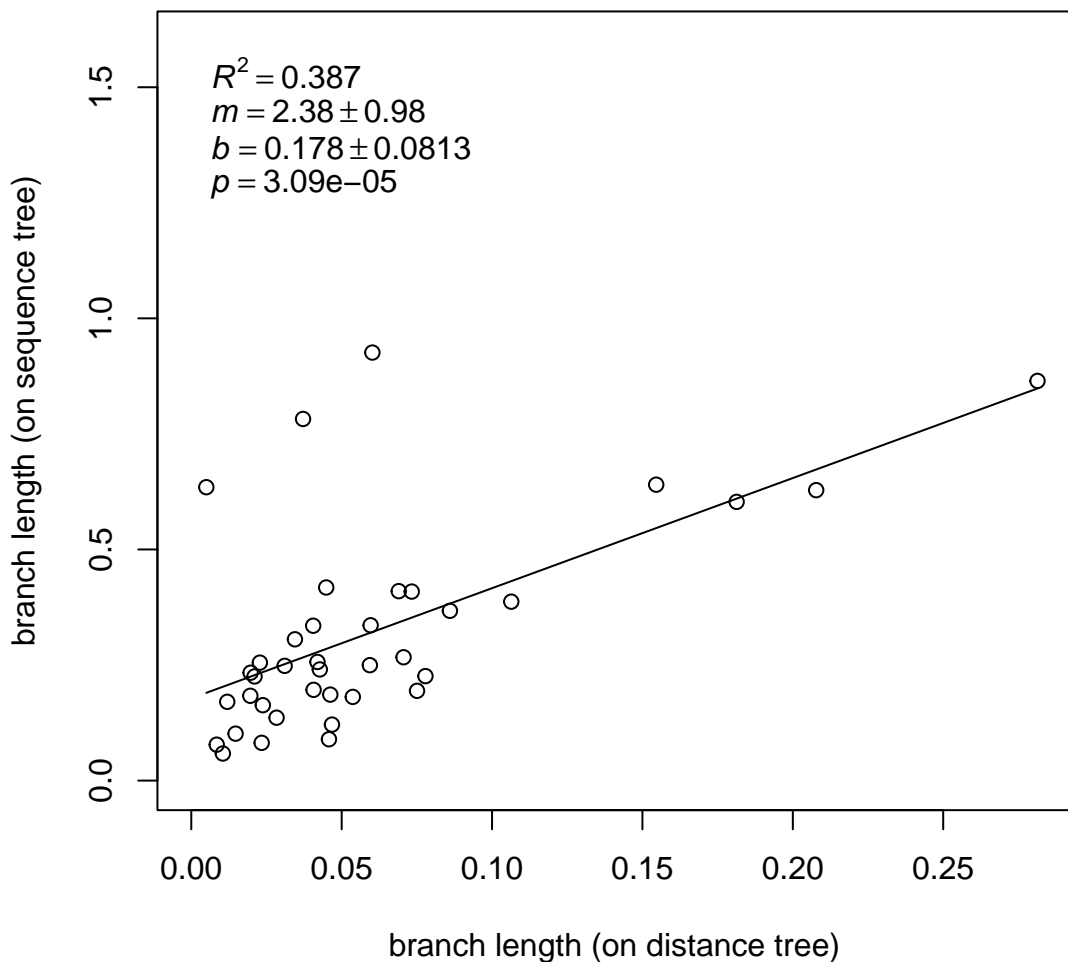
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (29/52 matches for #13: iqtree_FAMSA3di_AA_trim35)**



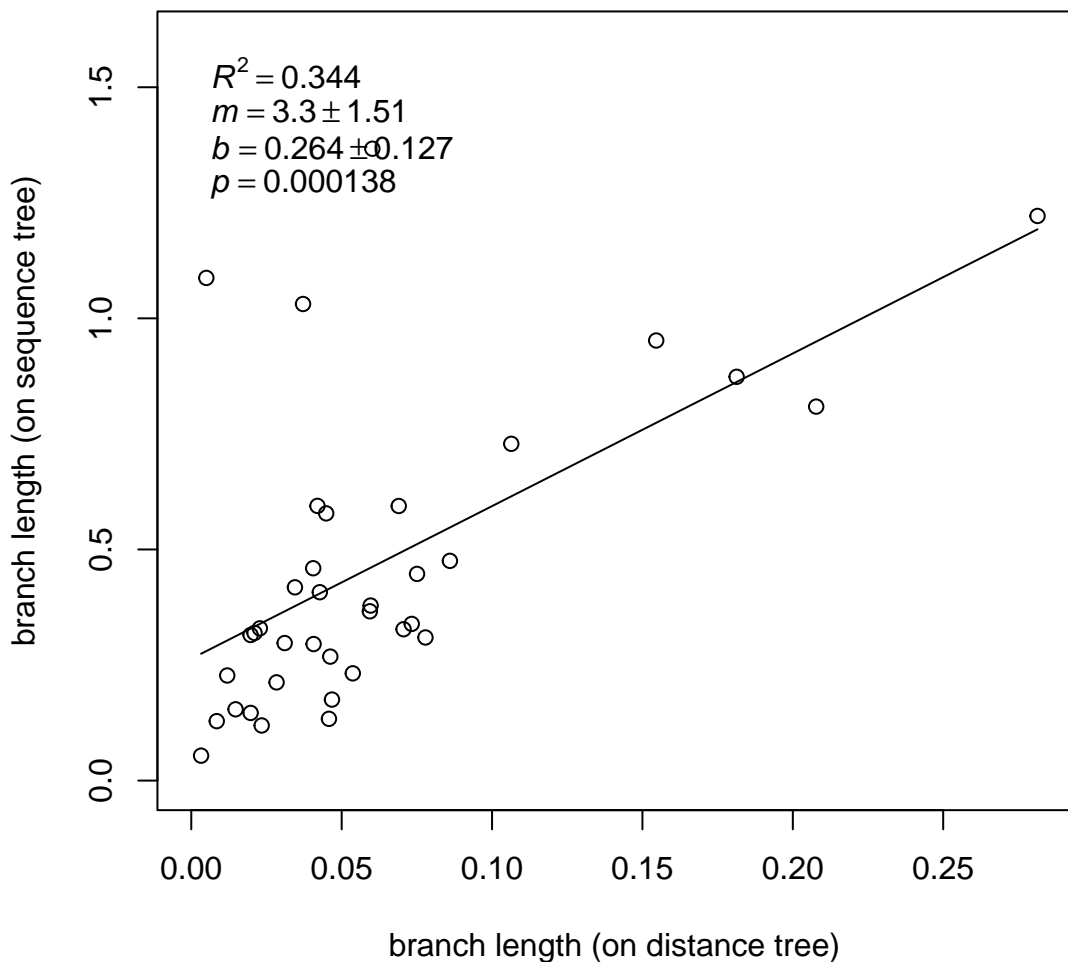
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (28/52 matches for #14: iqtree_FAMSA3di_AA_trim35_allmodels)**



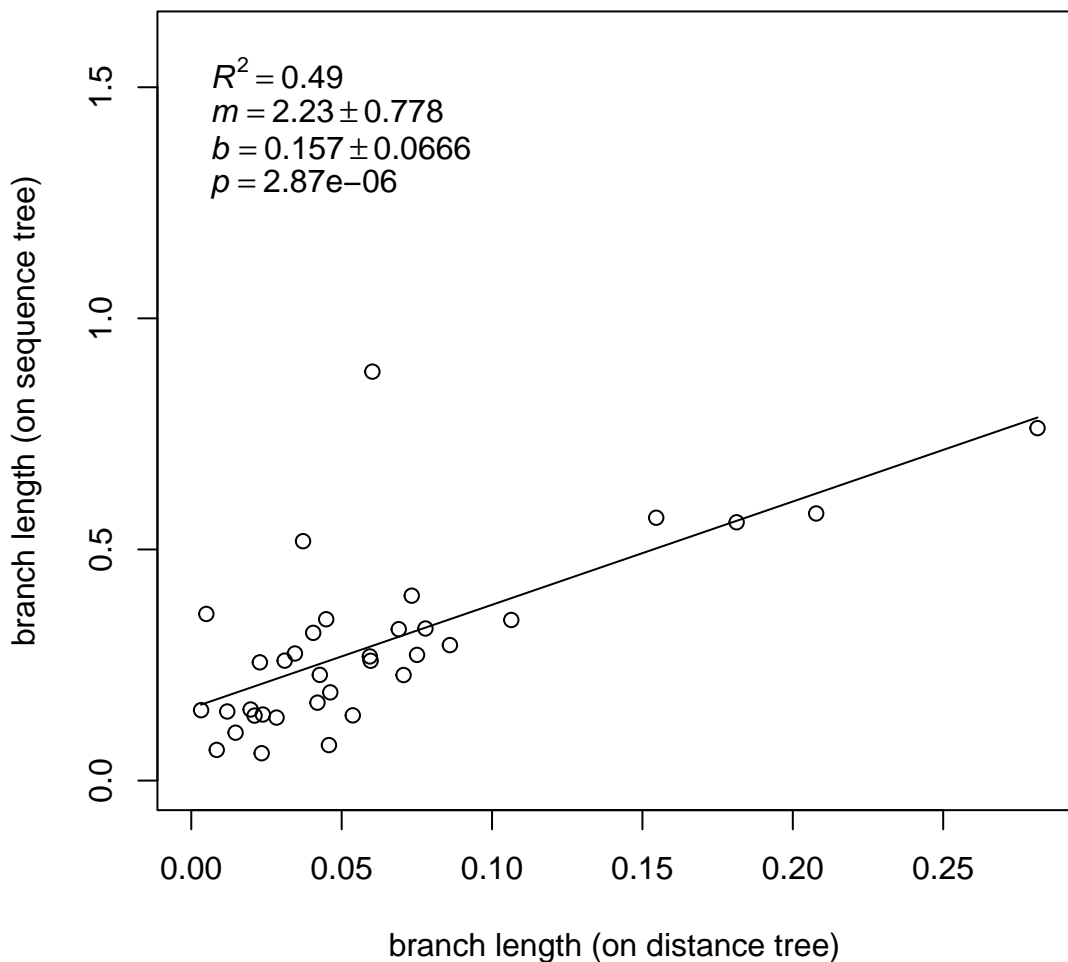
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (38/52 matches for #15: iqtree_FAMSA3di_BothFull)**



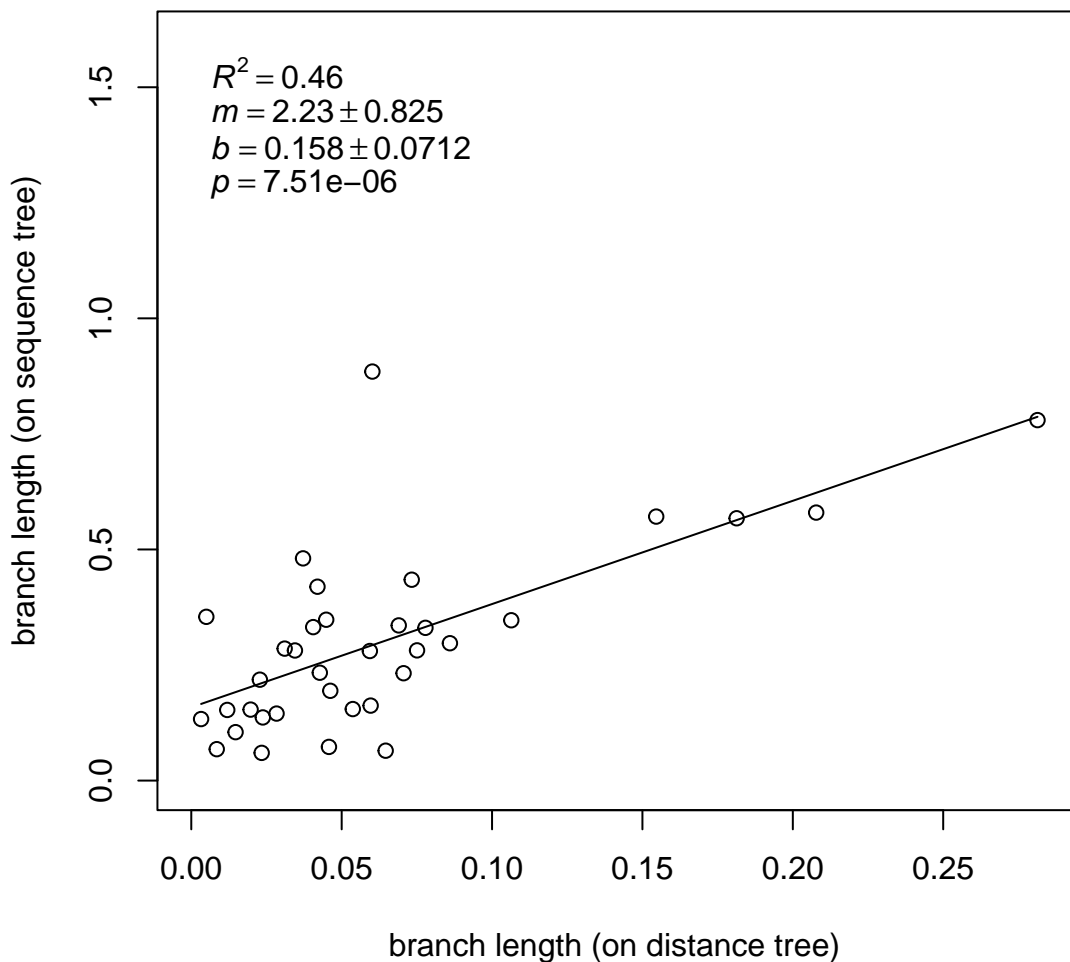
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (37/52 matches for #16: iqtree_FAMSA3di_BothFull_allmodels)**



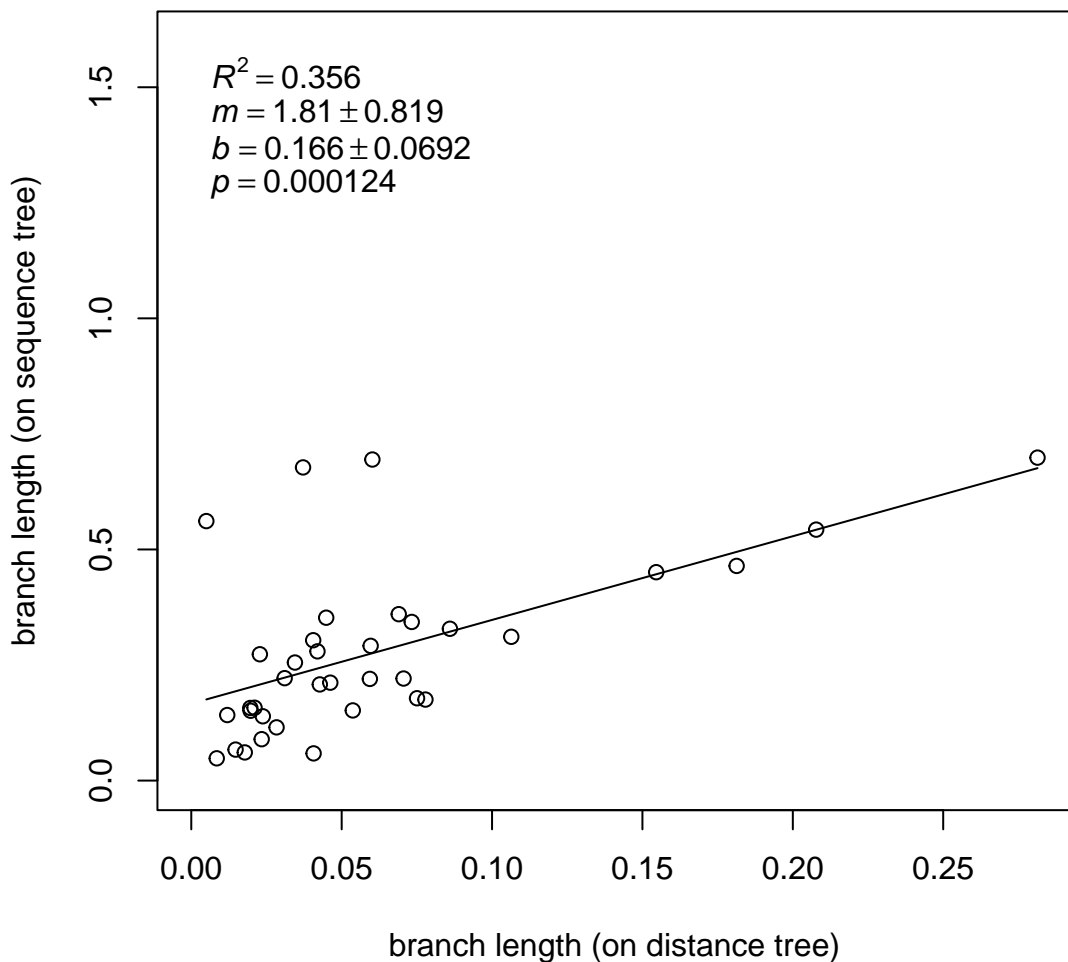
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #17: iqtree_FAMSA3di_BothFullNonPart)**



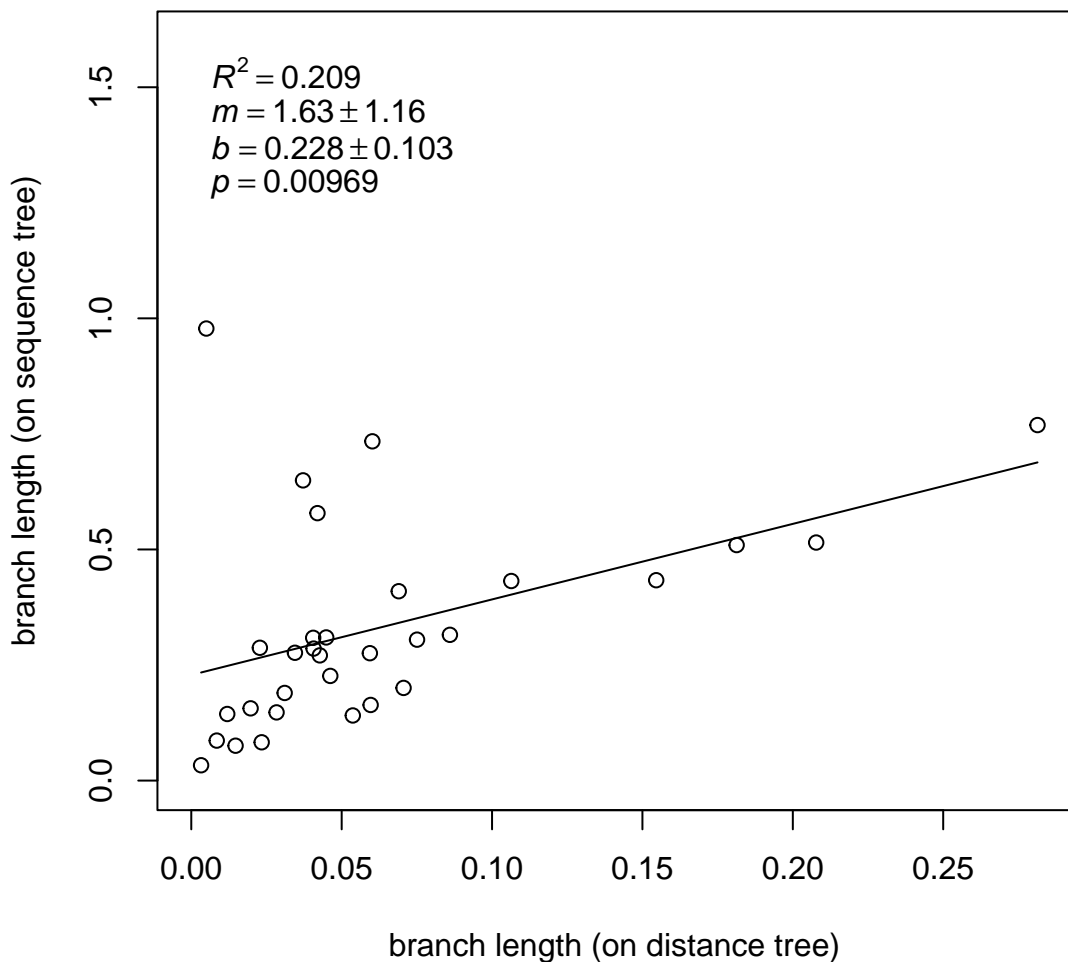
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #18: iqtree_FAMSA3di_BothFullNonPart_allmodel**



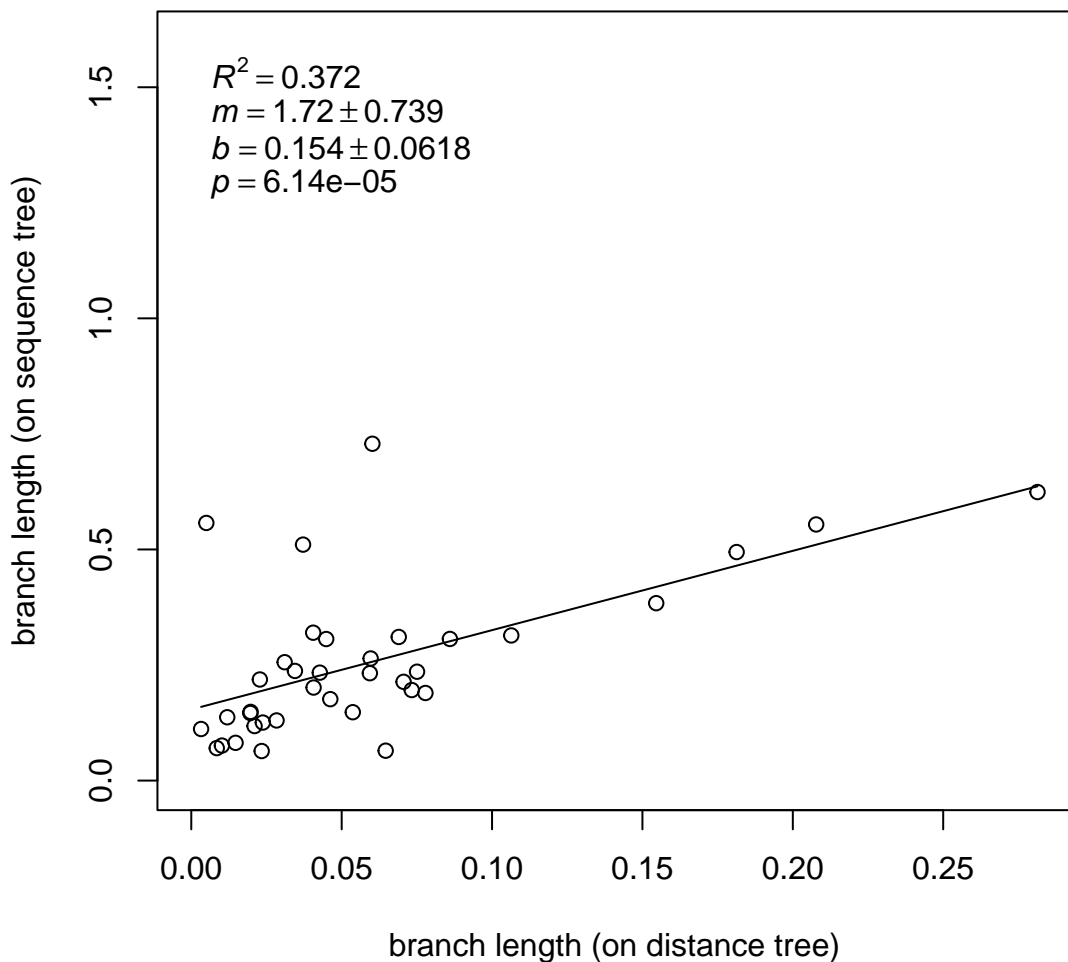
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (36/52 matches for #19: iqtree_FAMSA3di_BothTrim35)**



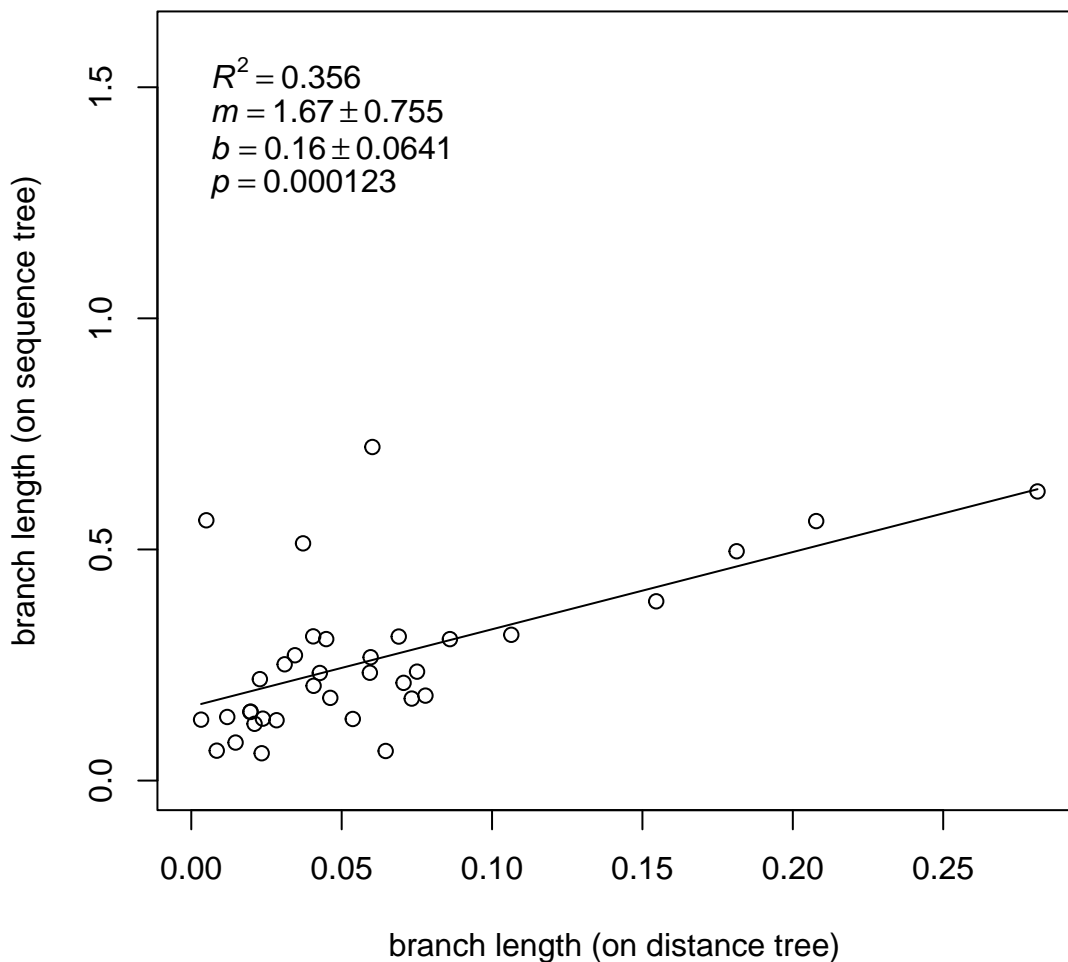
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #20: iqtree_FAMSA3di_BothTrim35_allmodels)**



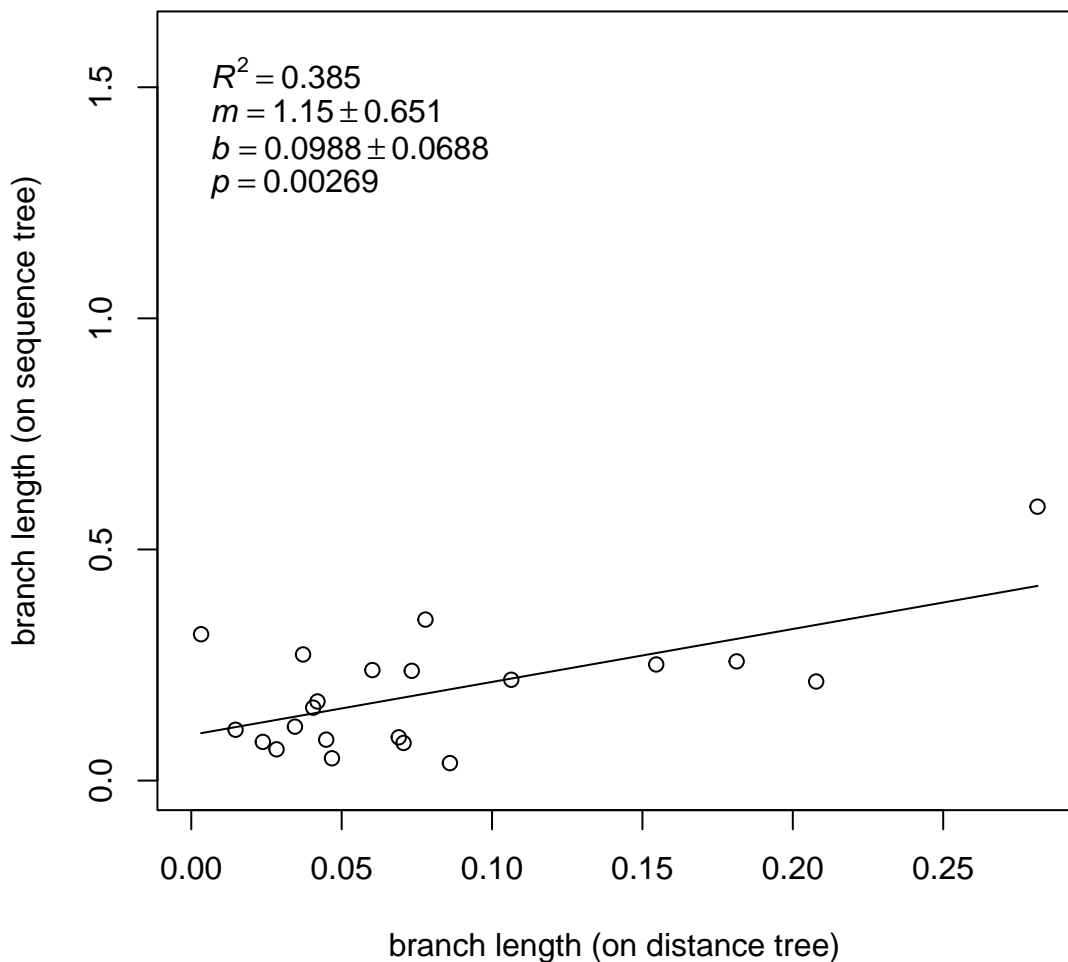
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (37/52 matches for #21: iqtree_FAMSA3di_BothTrim35NonPart)**



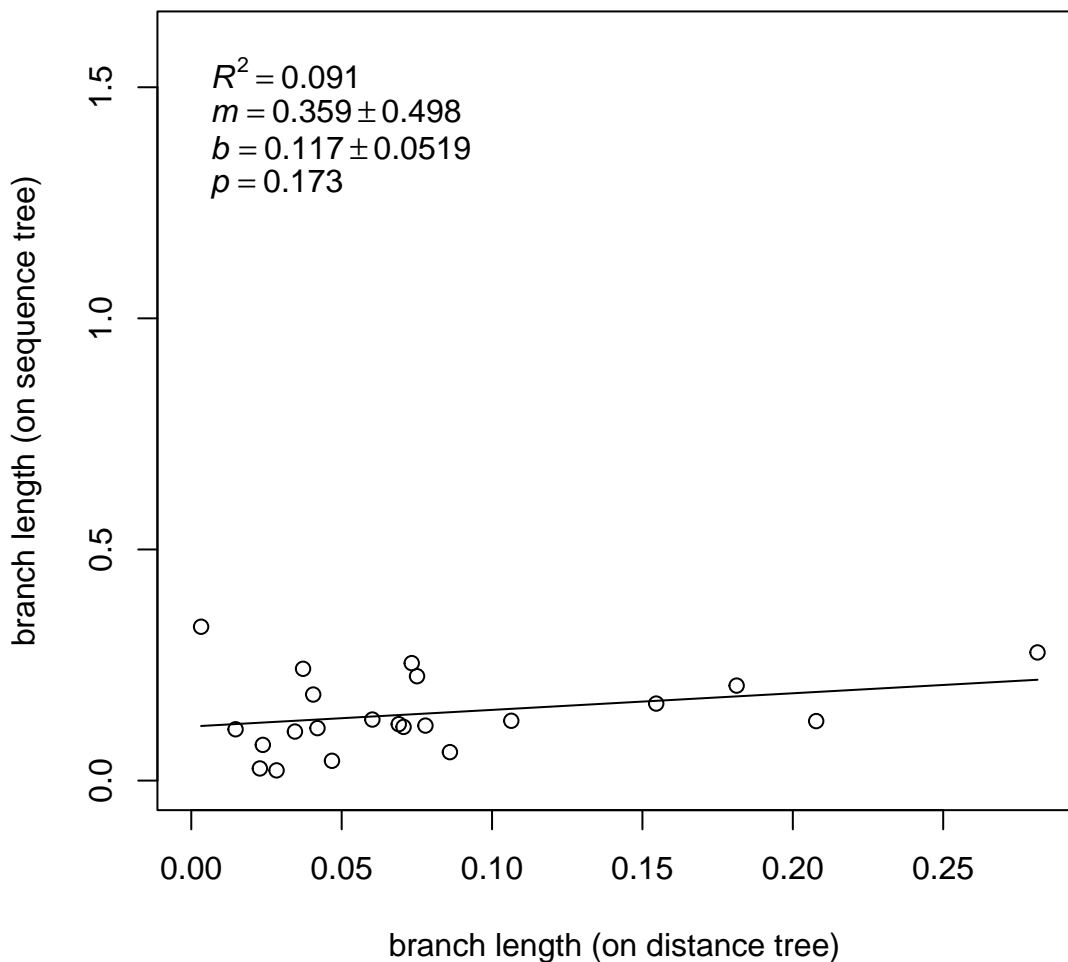
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (36/52 matches for #22: iqtree_FAMSA3di_BothTrim35NonPart_allmod**



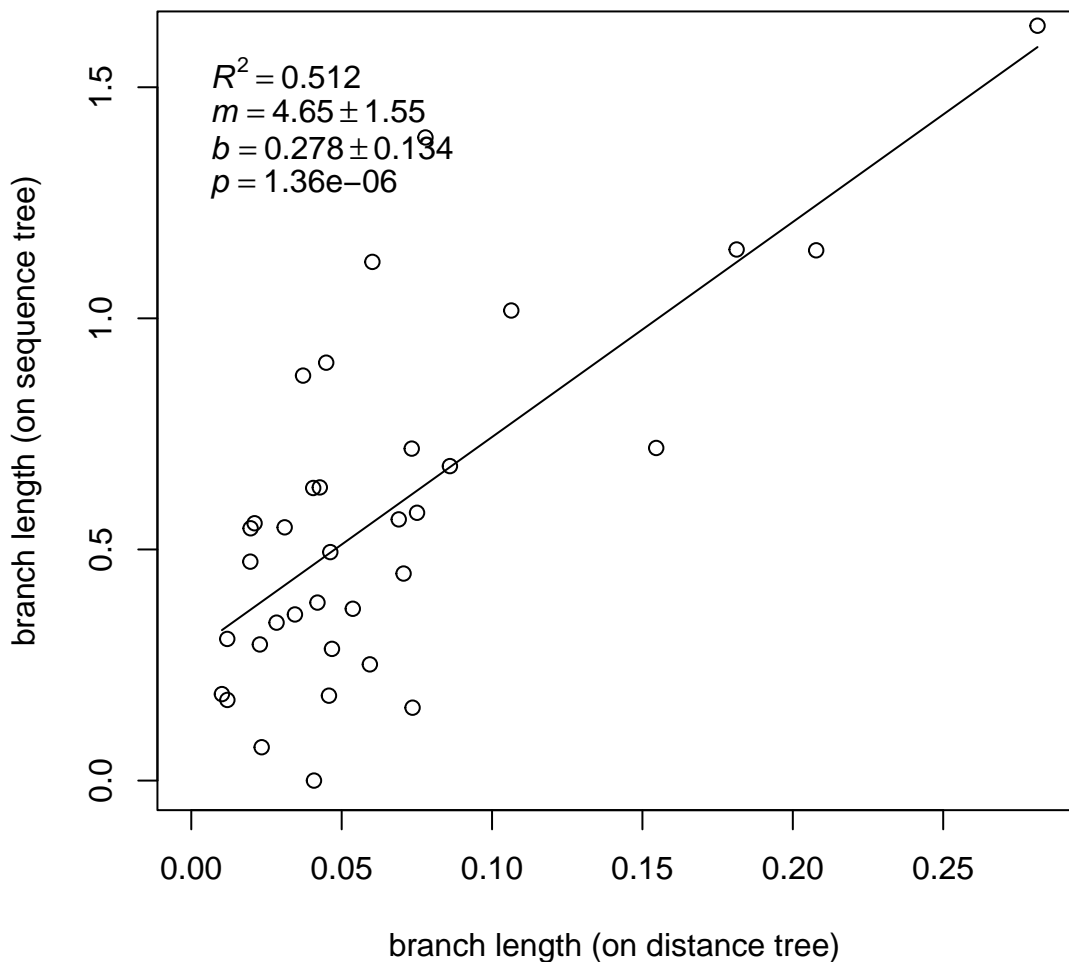
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (21/52 matches for #23: iqtree_USaln_3di_Full)**



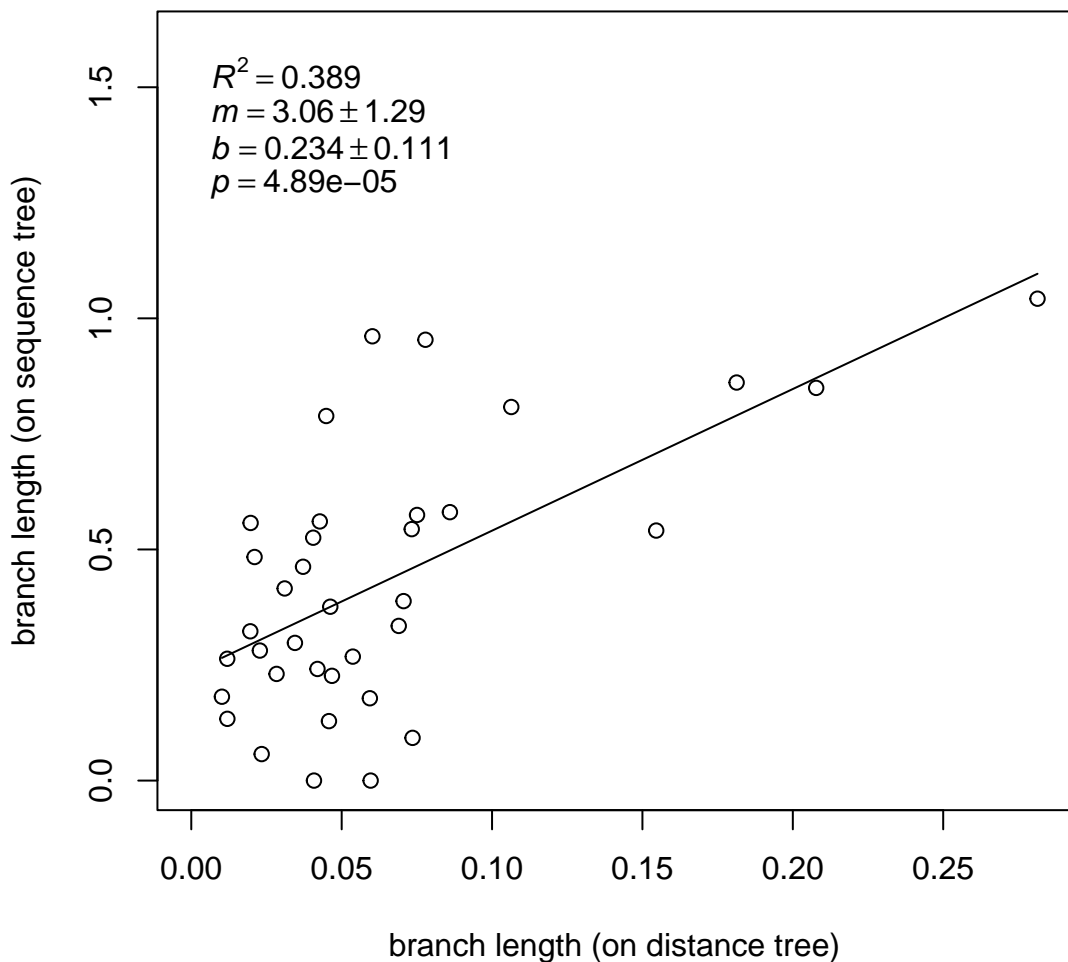
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (22/52 matches for #24: iqtree_USaln_3di_Trim)**



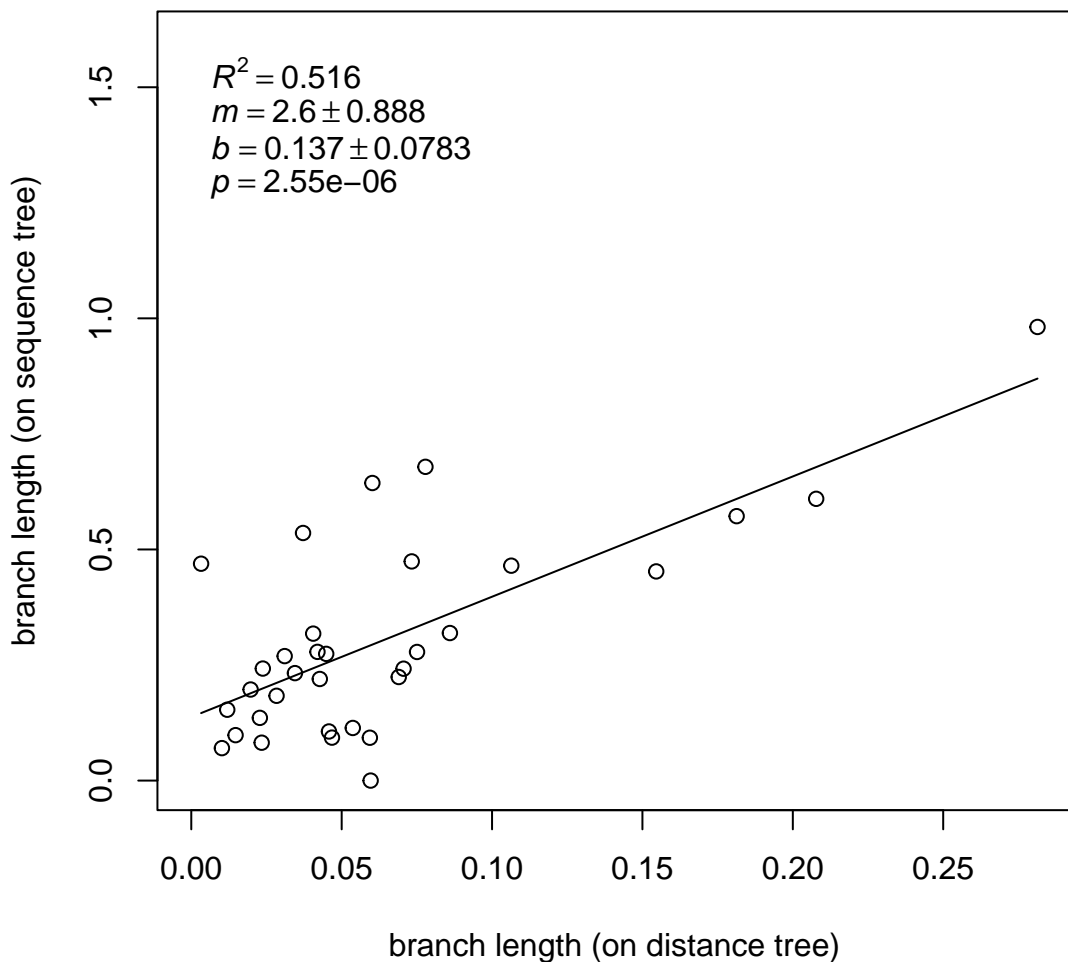
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #25: iqtree_USaln_AAs_Full)**



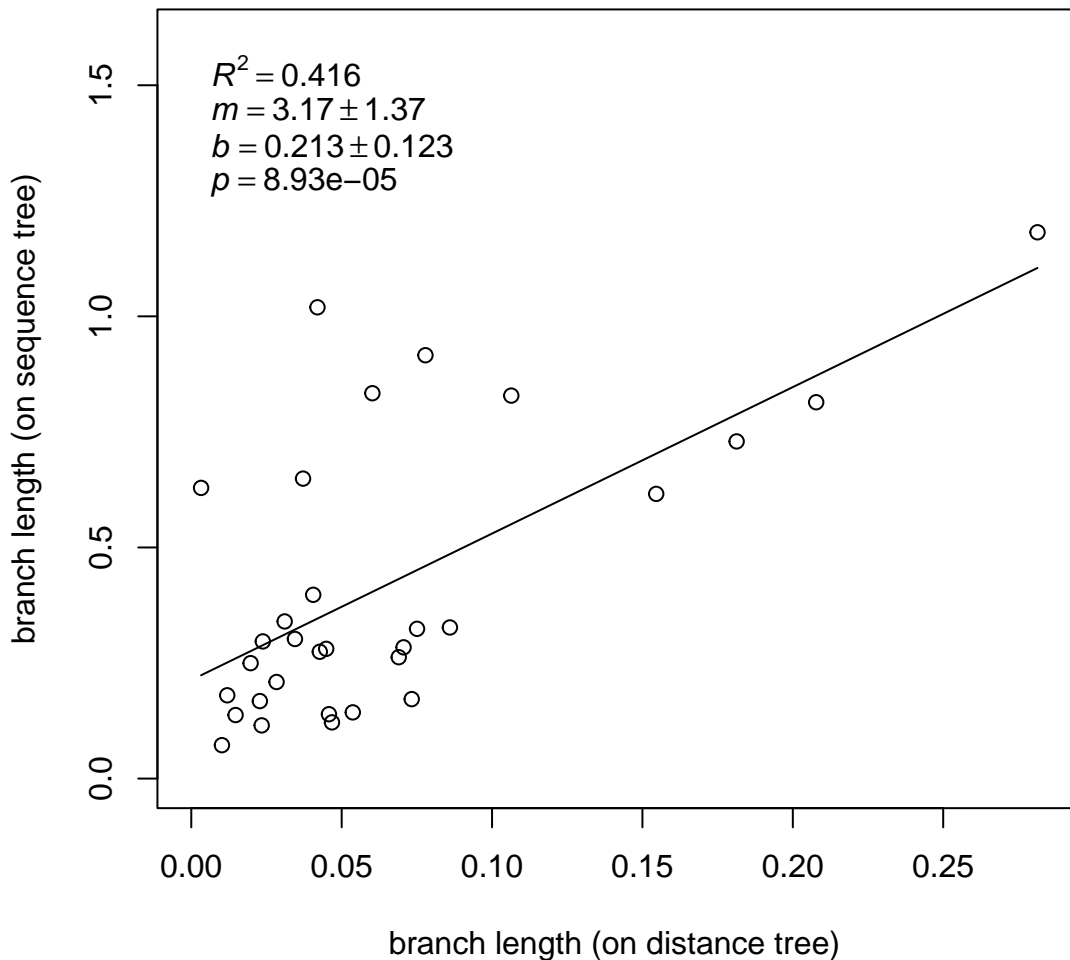
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (36/52 matches for #26: iqtree_USaln_AAs_Trim)**



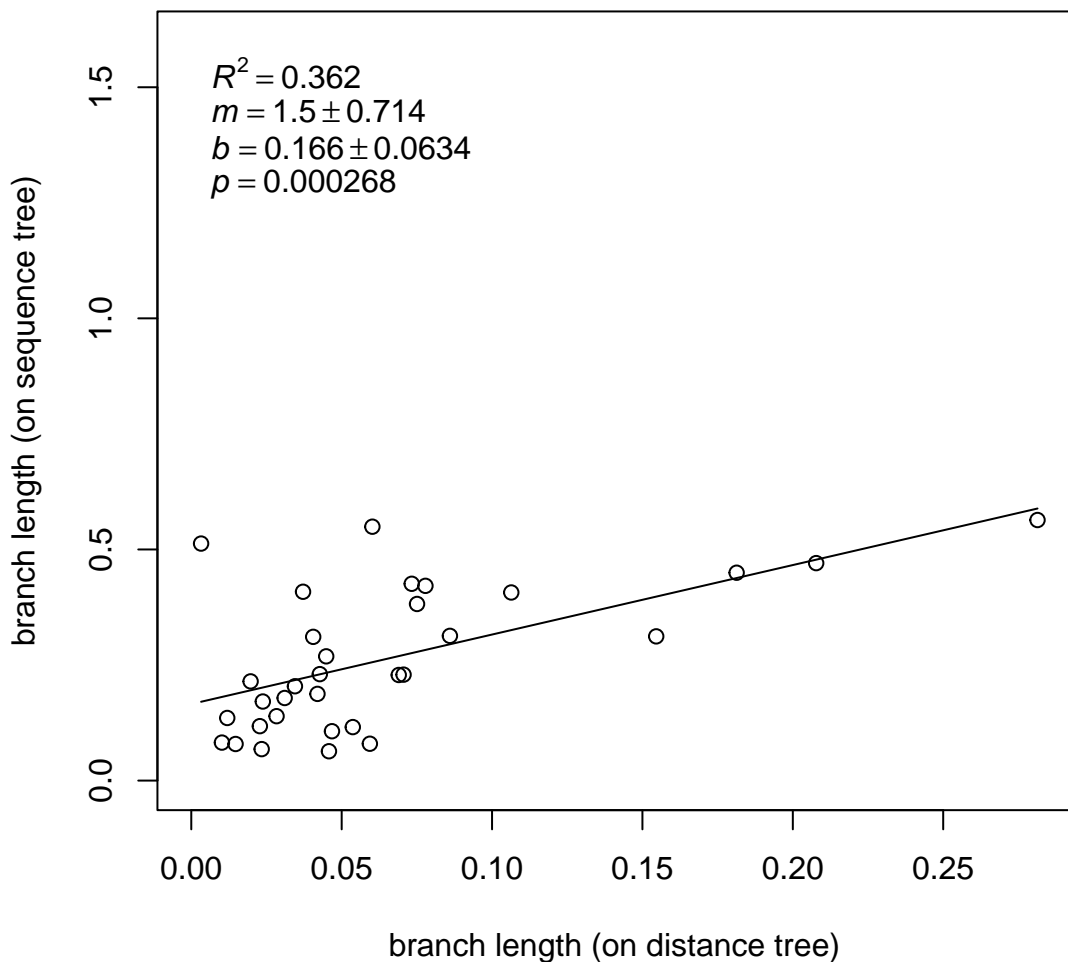
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (33/52 matches for #27: iqtree_USaln_Both_Full)**



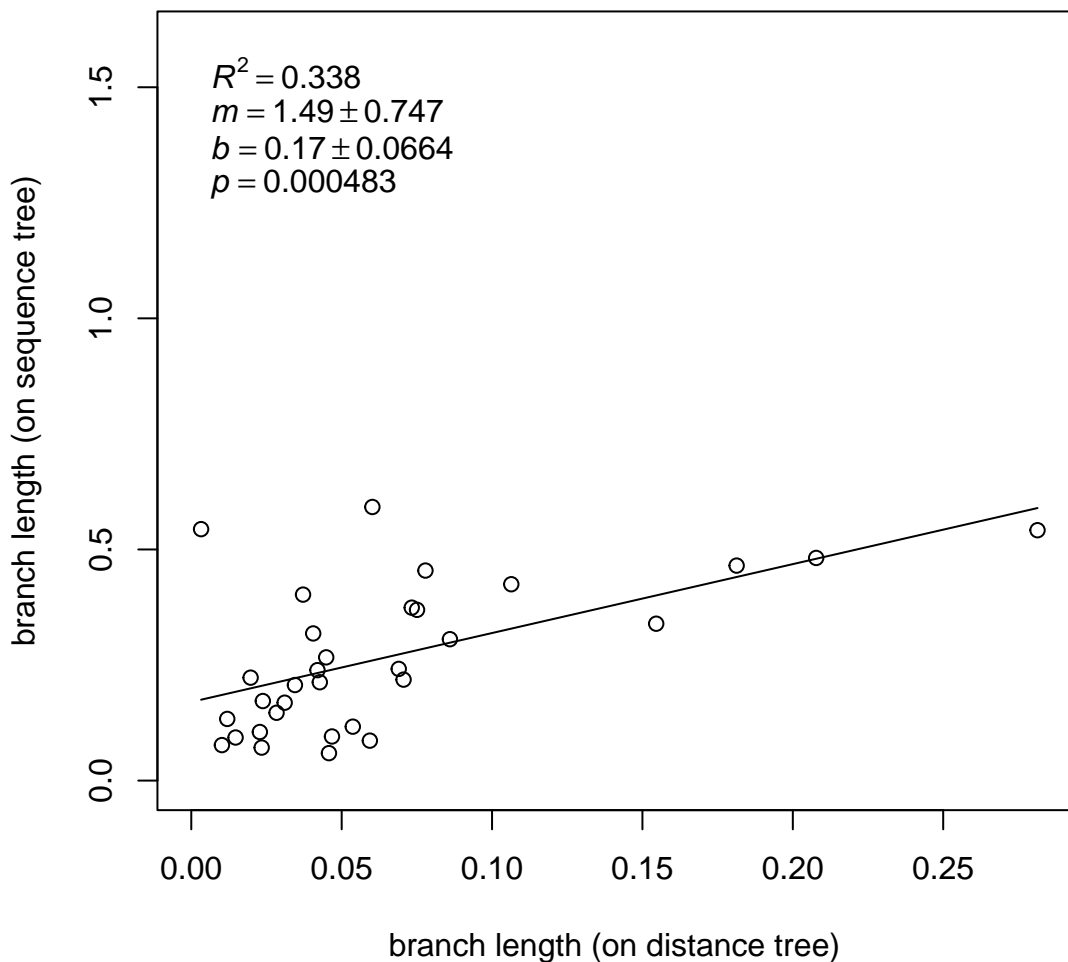
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #28: iqtree_USaln_Both_Full_allmodels)**



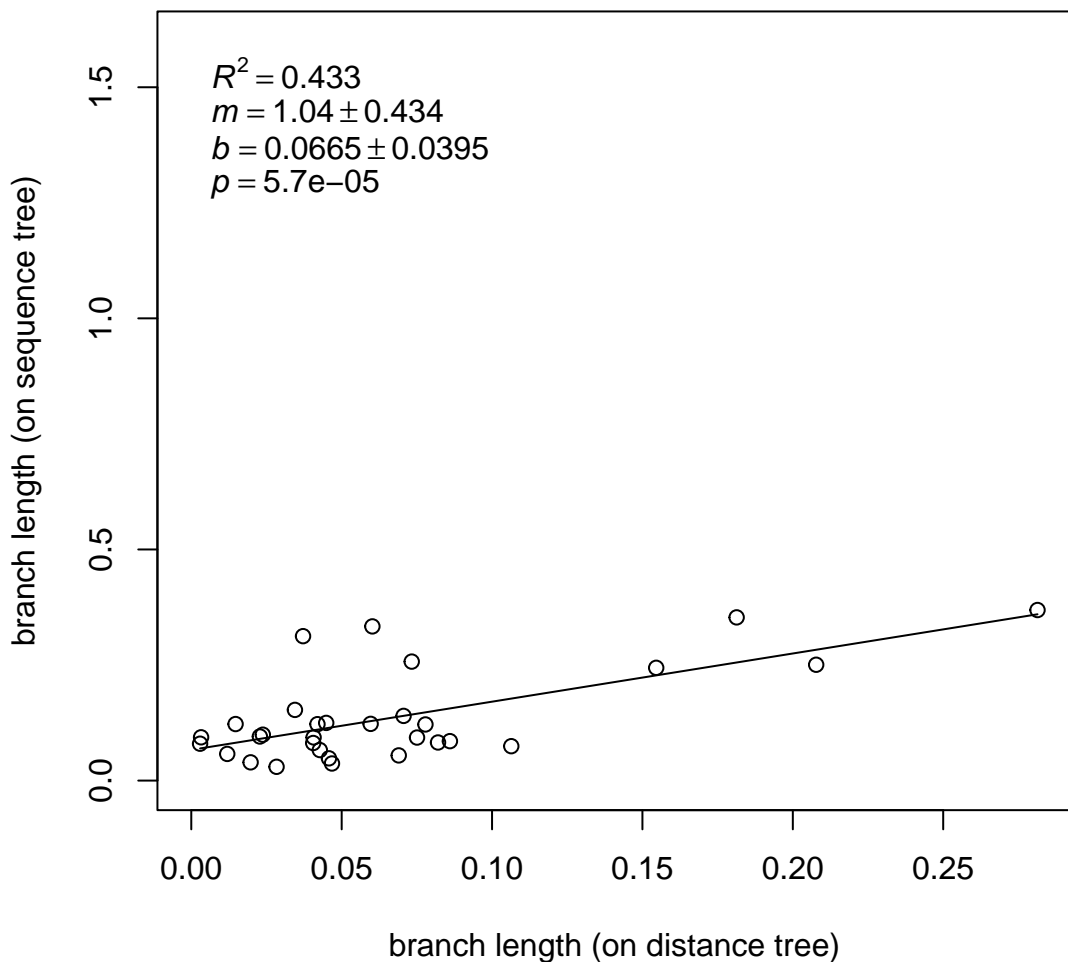
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (32/52 matches for #29: iqtree_USaln_Both_Trim)**



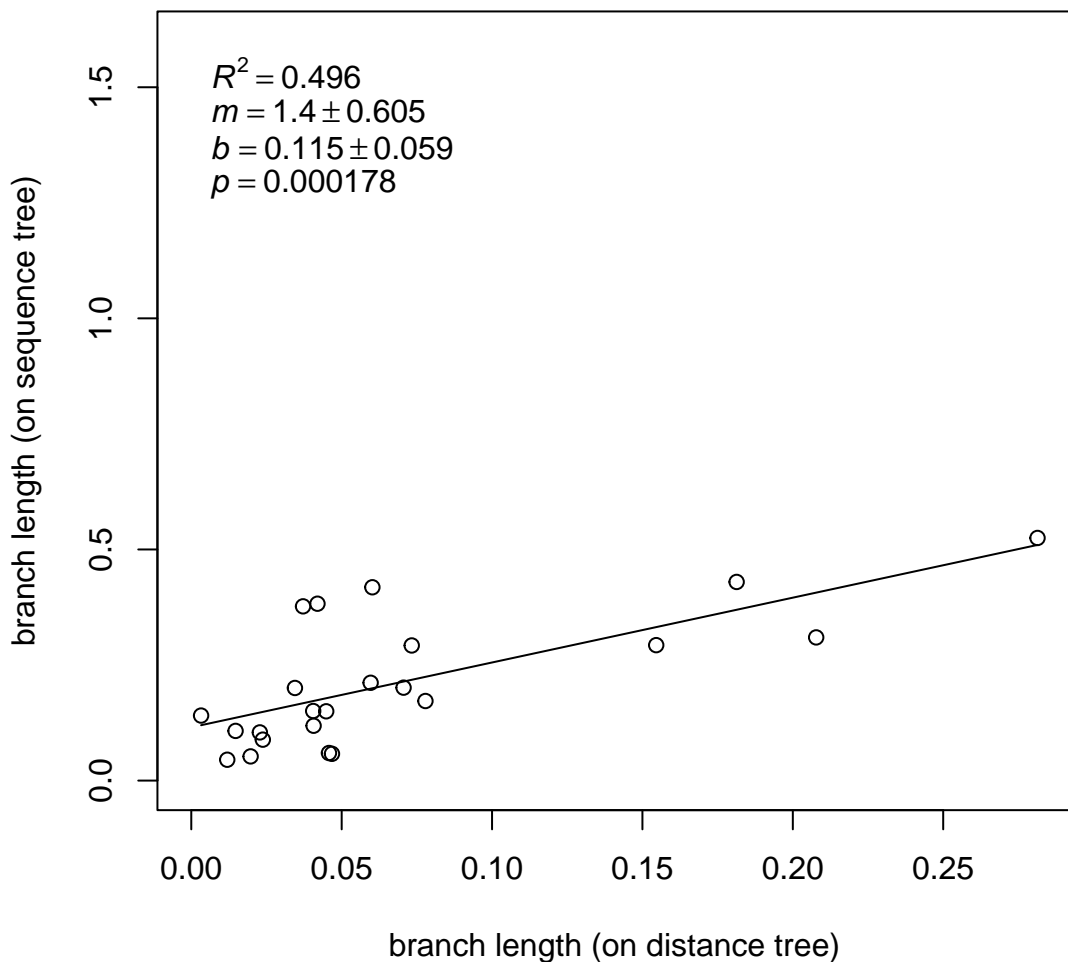
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (32/52 matches for #30: iqtree_USaln_Both_Trim_allmodels)**



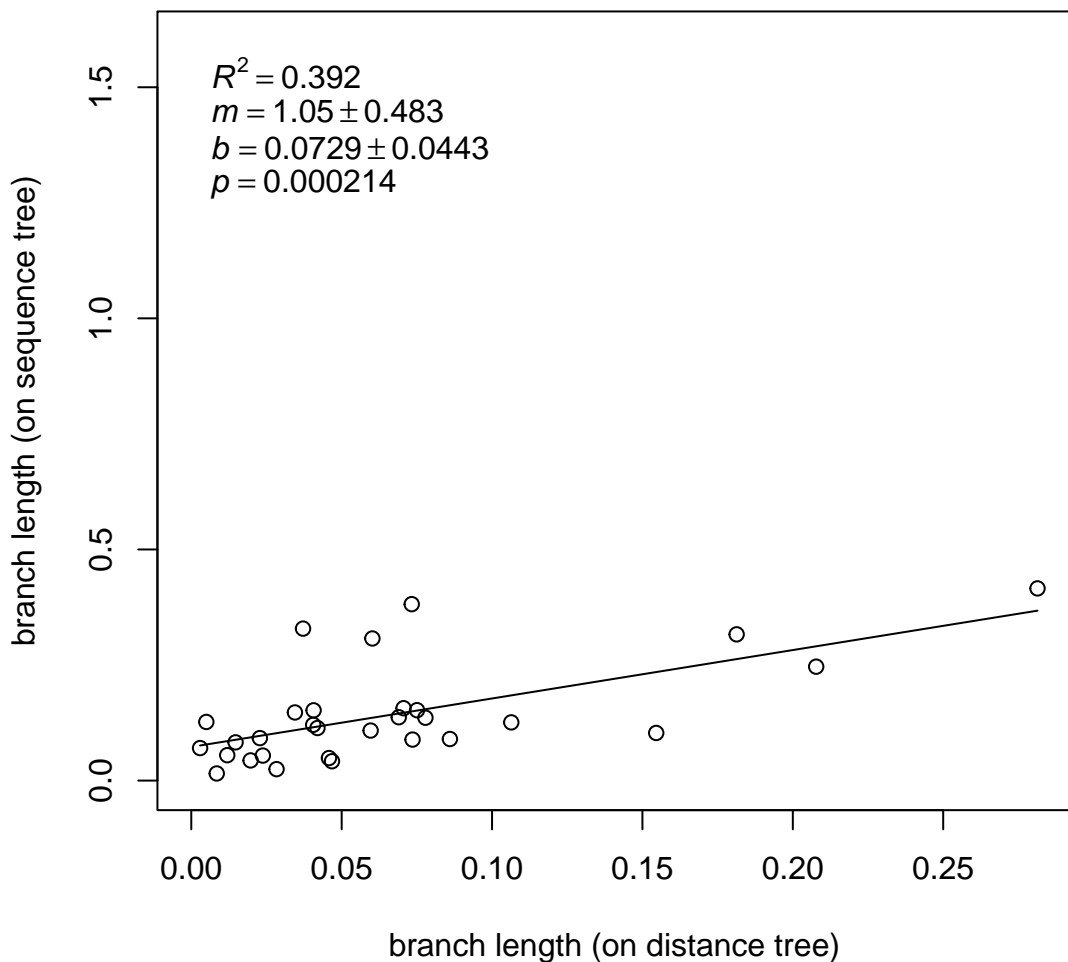
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #31: iqtrAF_FAMSA3di_3diFull)**



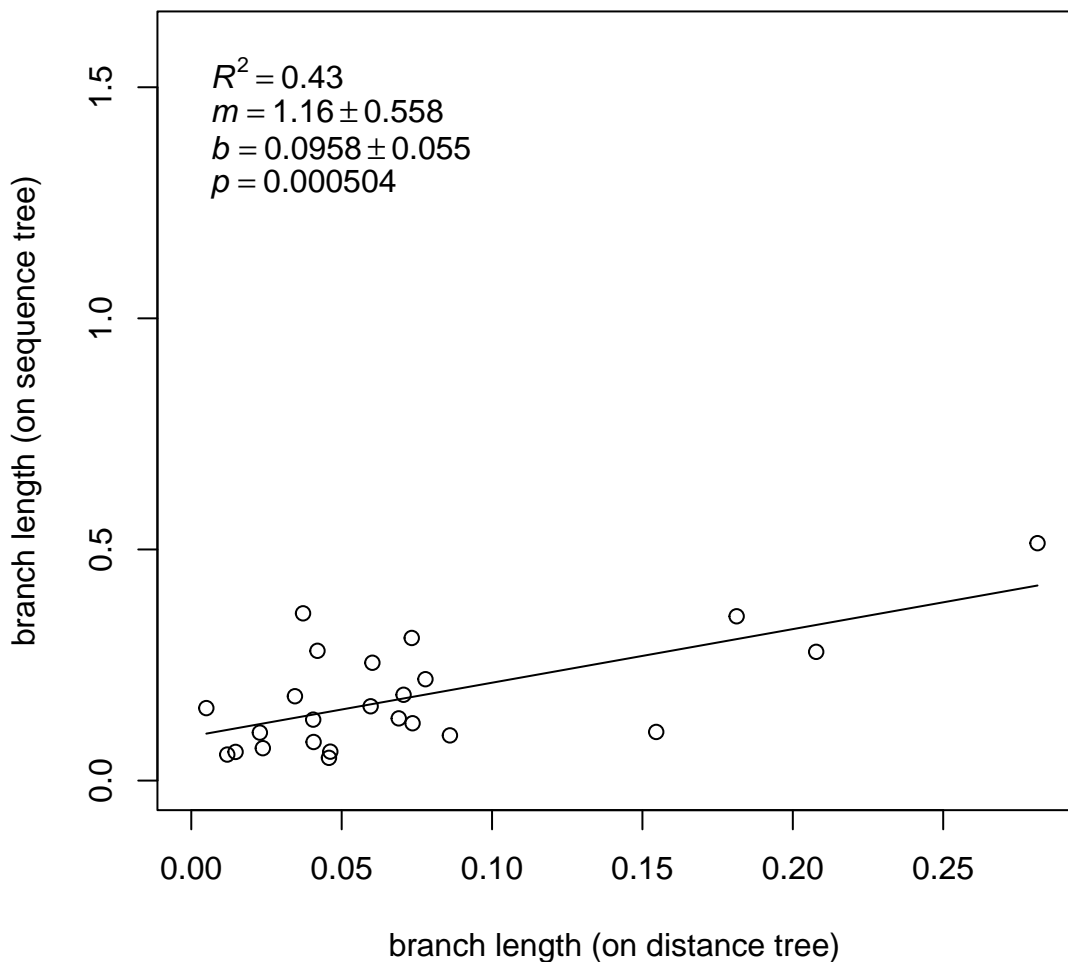
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (23/52 matches for #32: iqtrAF_FAMSA3di_3diFull_allmodels)**



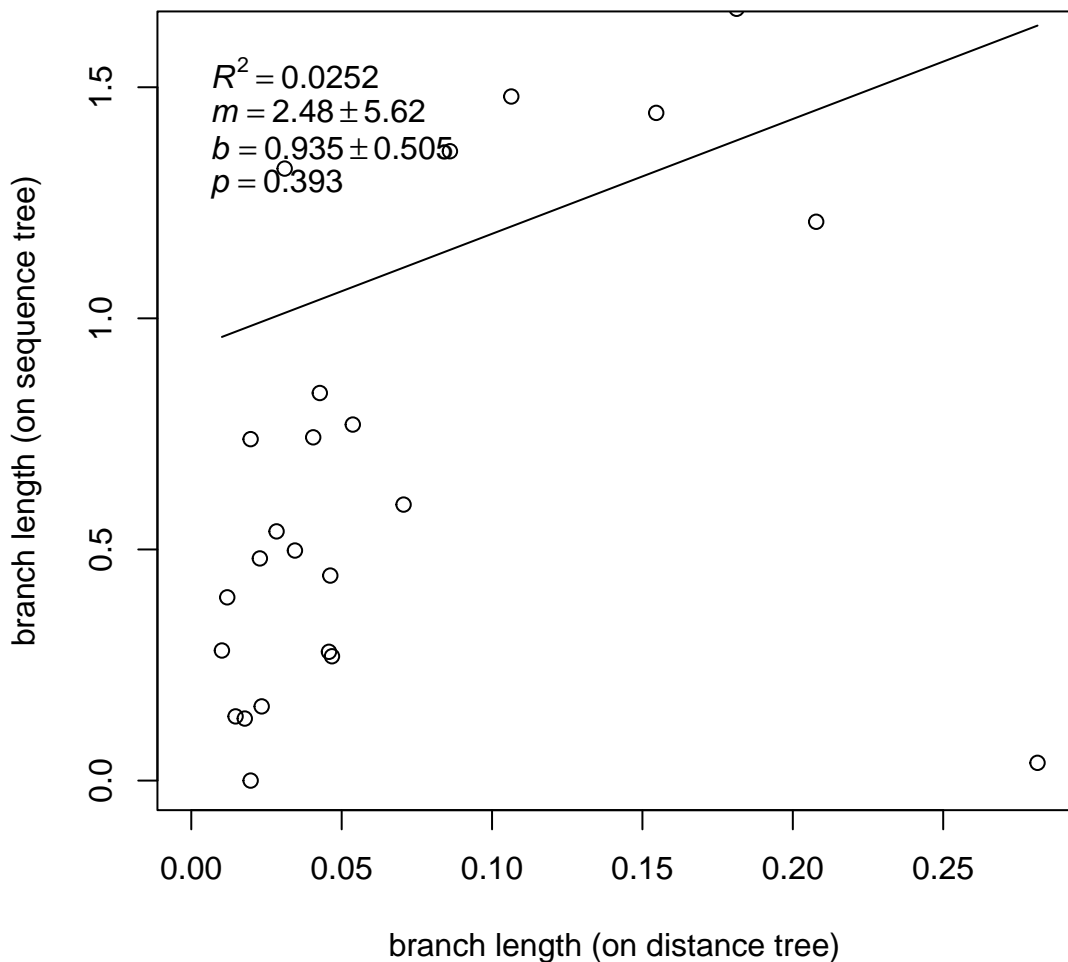
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (30/52 matches for #33: iqtrAF_FAMSA3di_3diTrim35)**



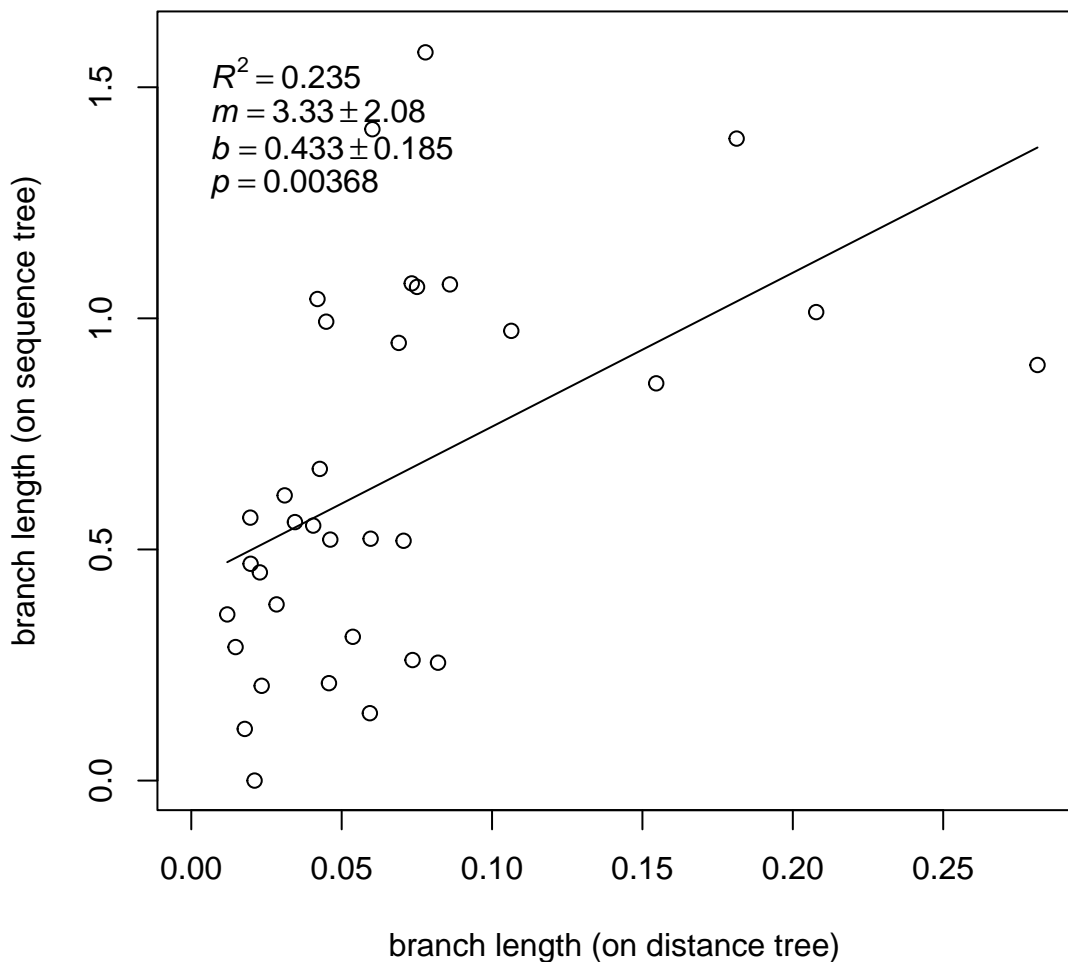
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (24/52 matches for #34: iqtrAF_FAMSA3di_3diTrim35_allmodels)**



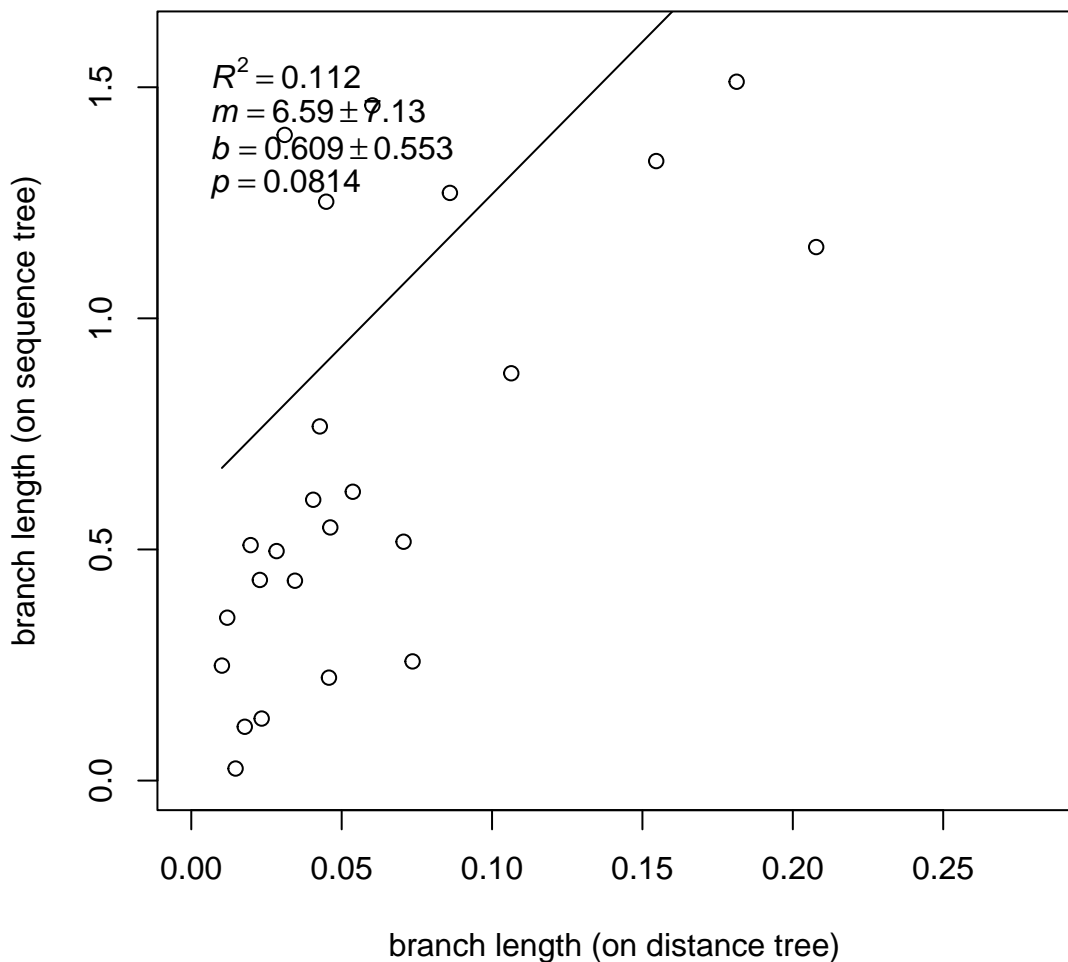
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #35: iqtrAF_FAMSA3di_AAfull)**



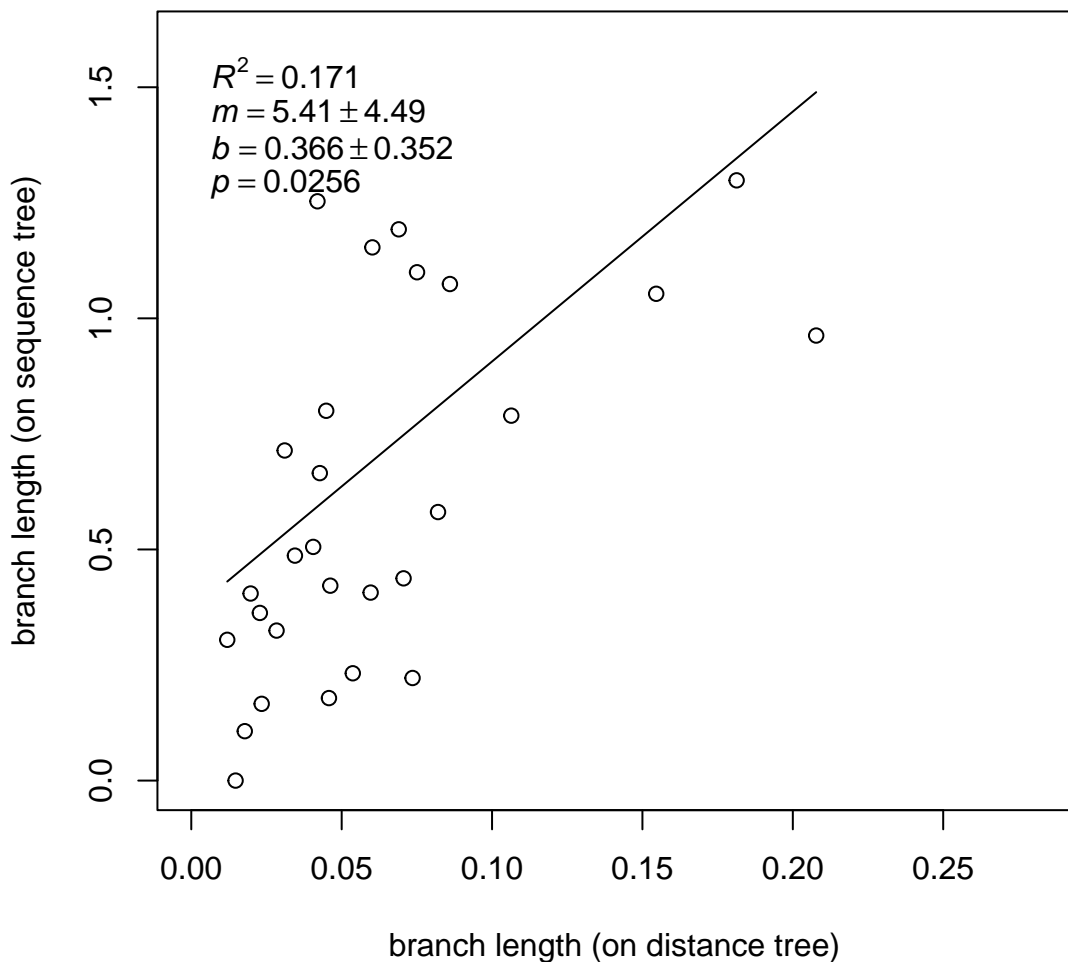
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (34/52 matches for #36: iqtrAF_FAMSA3di_AAfull_allmodels)**



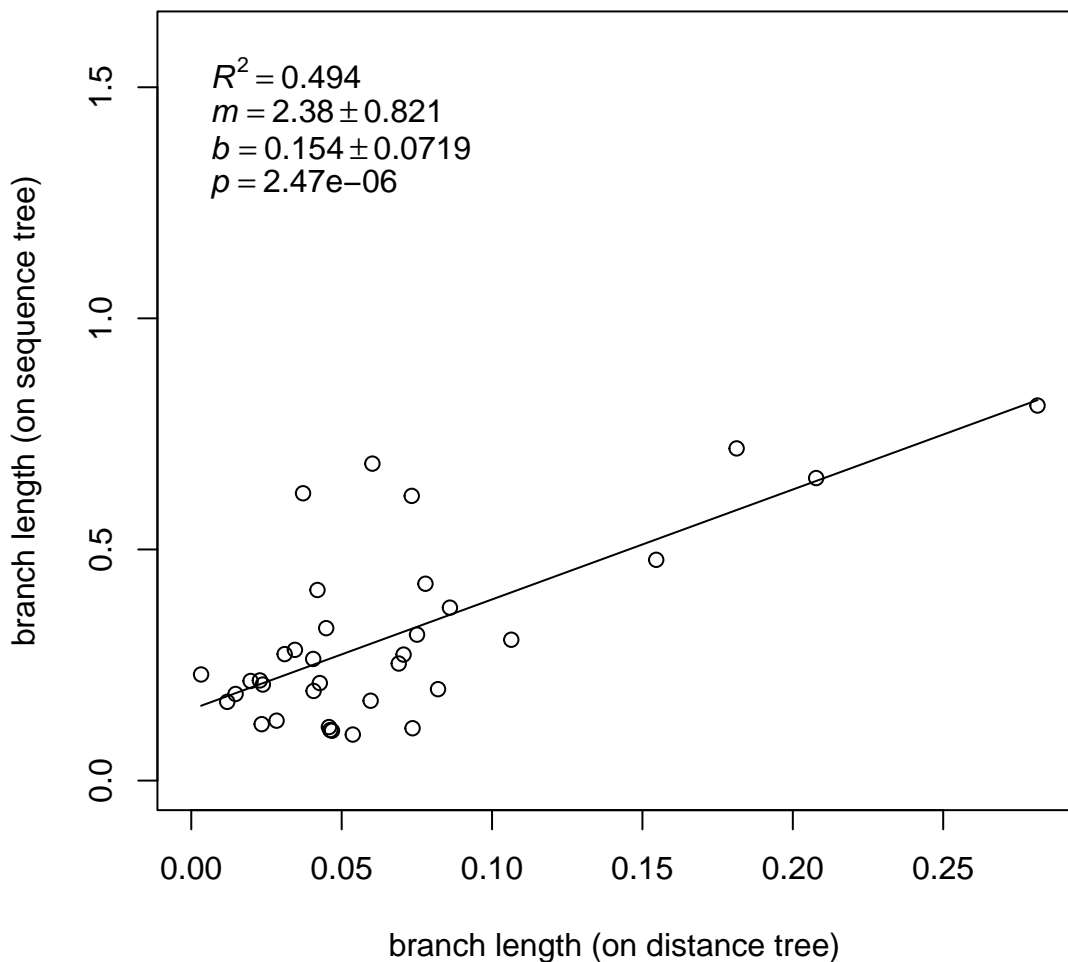
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (28/52 matches for #37: iqtrAF_FAMSA3di_AA_trim35)**



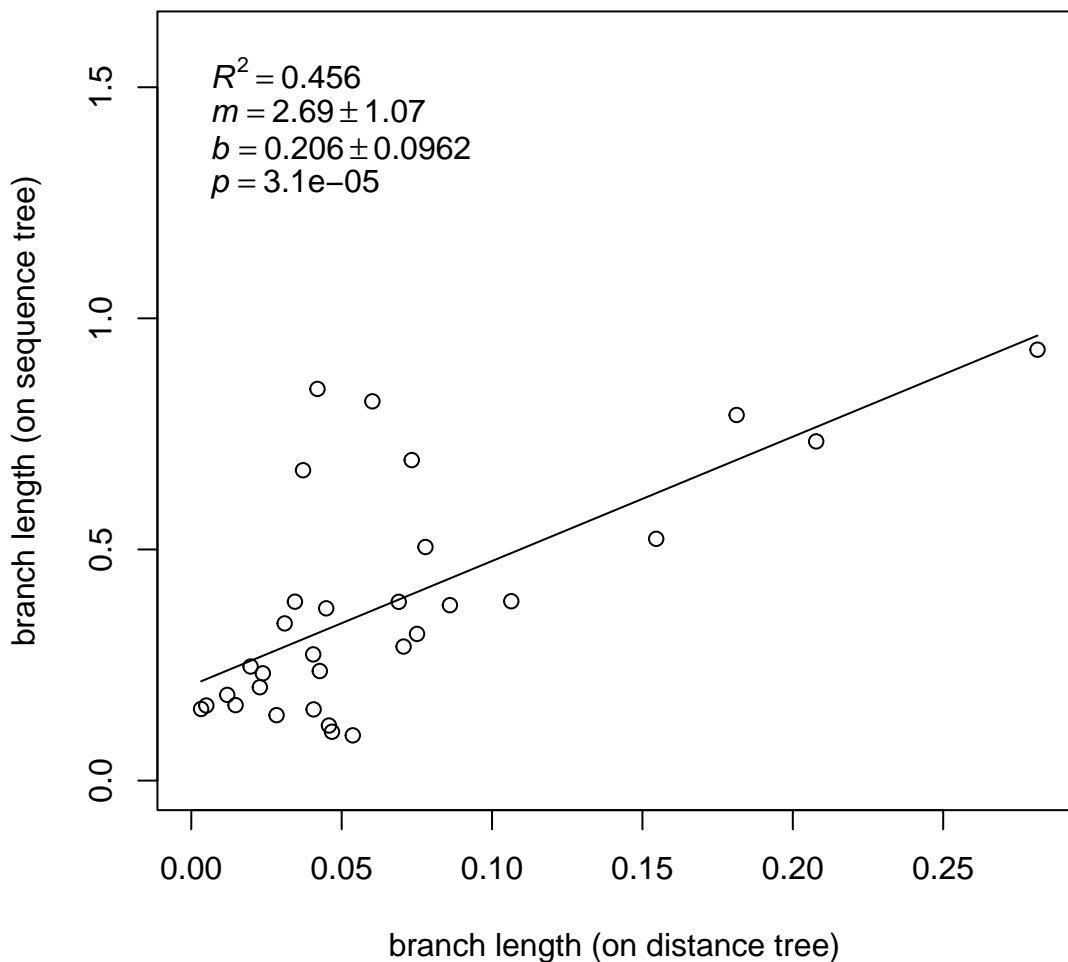
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (29/52 matches for #38: iqtrAF_FAMSA3di_AA_trim35_allmodels)**



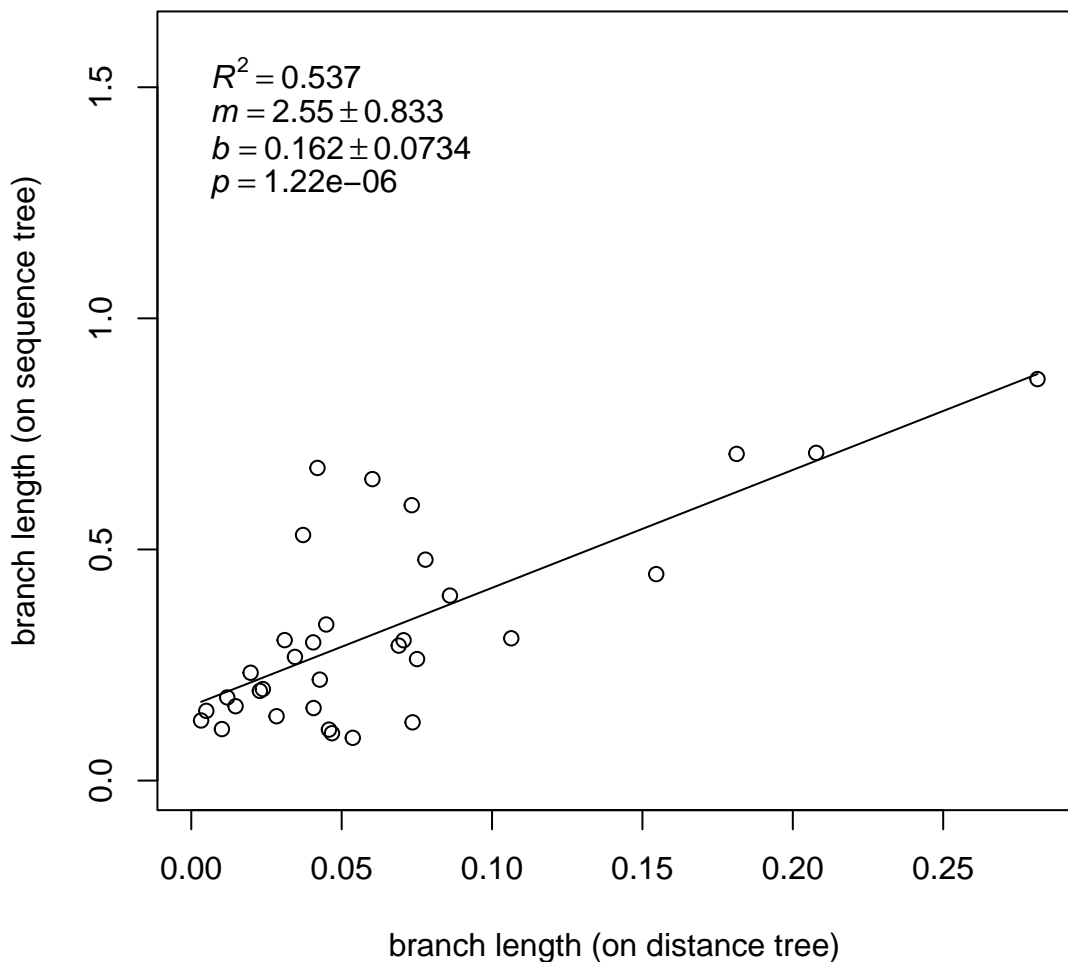
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #39: iqtrAF_FAMSA3di_BothFull)**



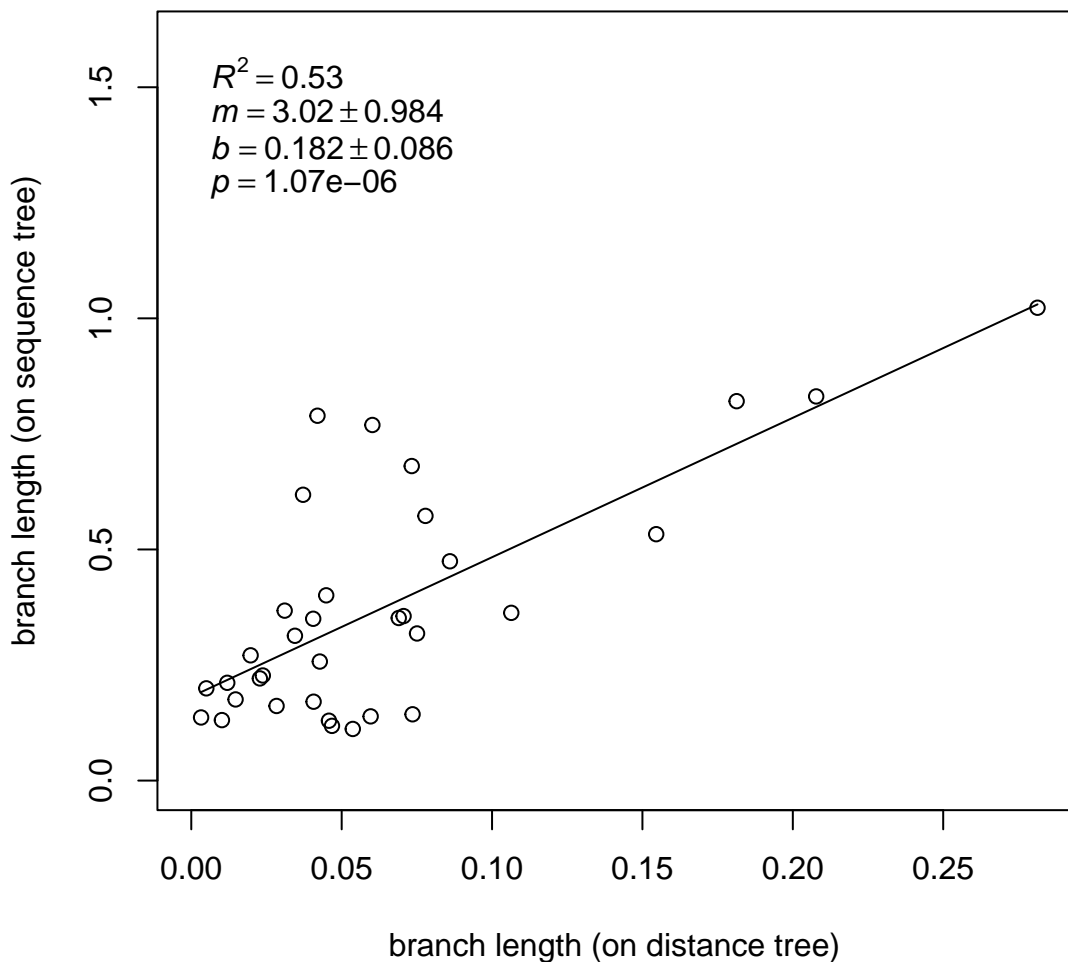
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (31/52 matches for #40: iqtrAF_FAMSA3di_BothFull_allmodels)**



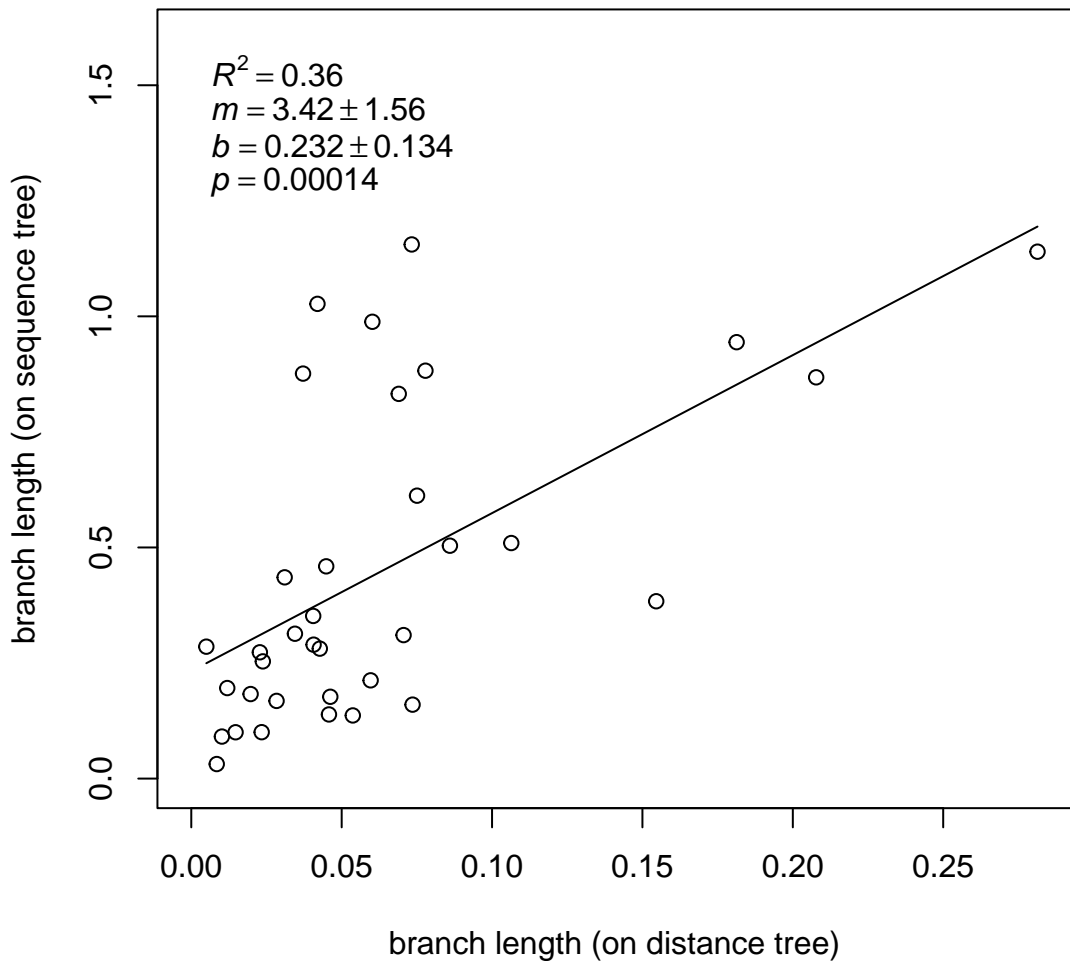
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (33/52 matches for #41: iqtrAF_FAMSA3di_BothFullNonPart)**



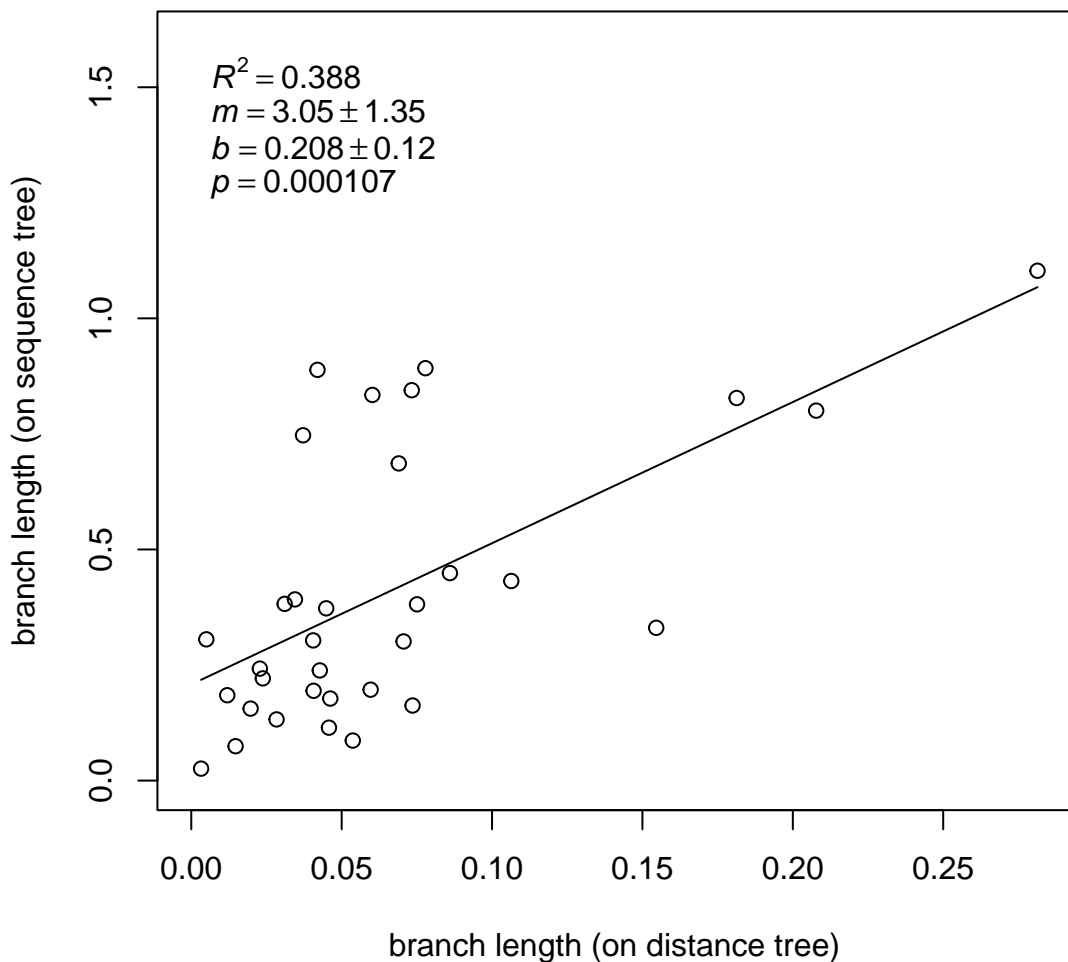
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (34/52 matches for #42: iqtrAF_FAMSA3di_BothFullNonPart_allmode**



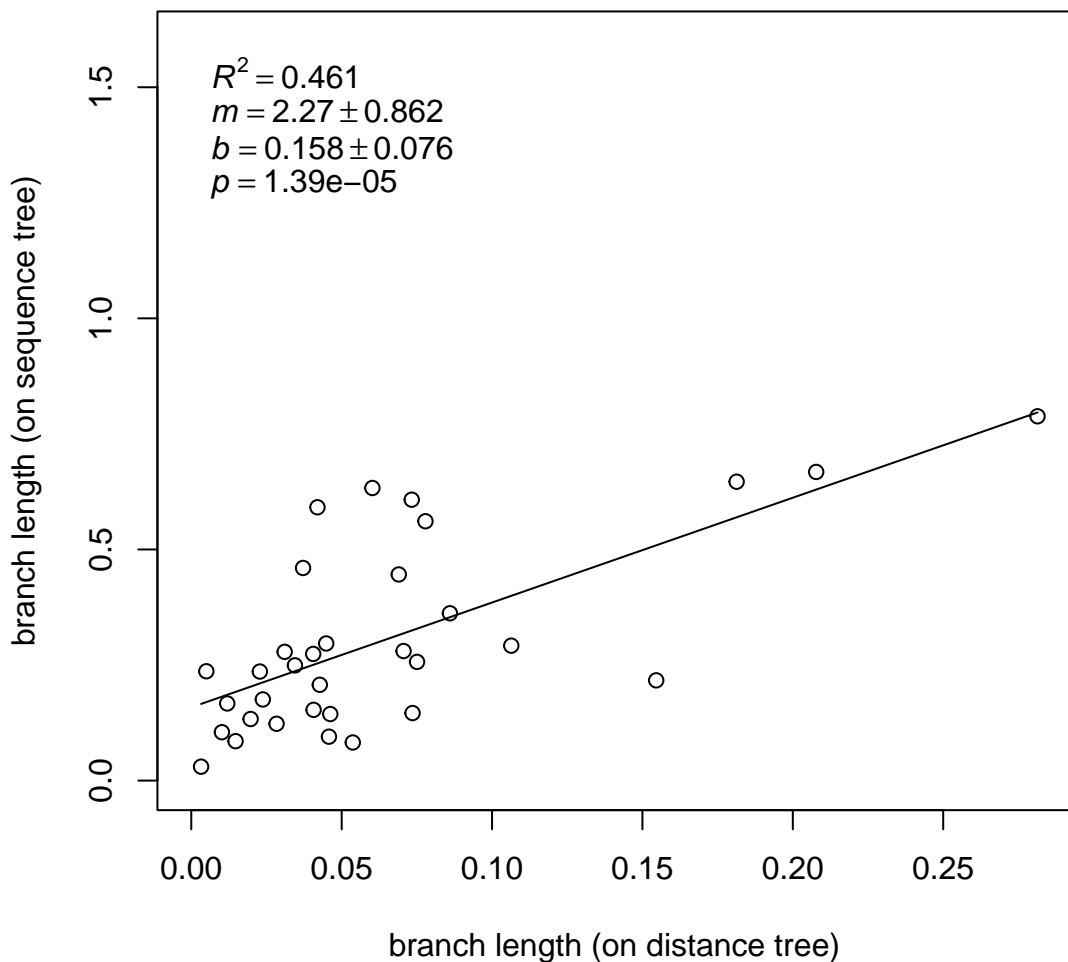
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #43: iqtrAF_FAMSA3di_BothTrim35)**



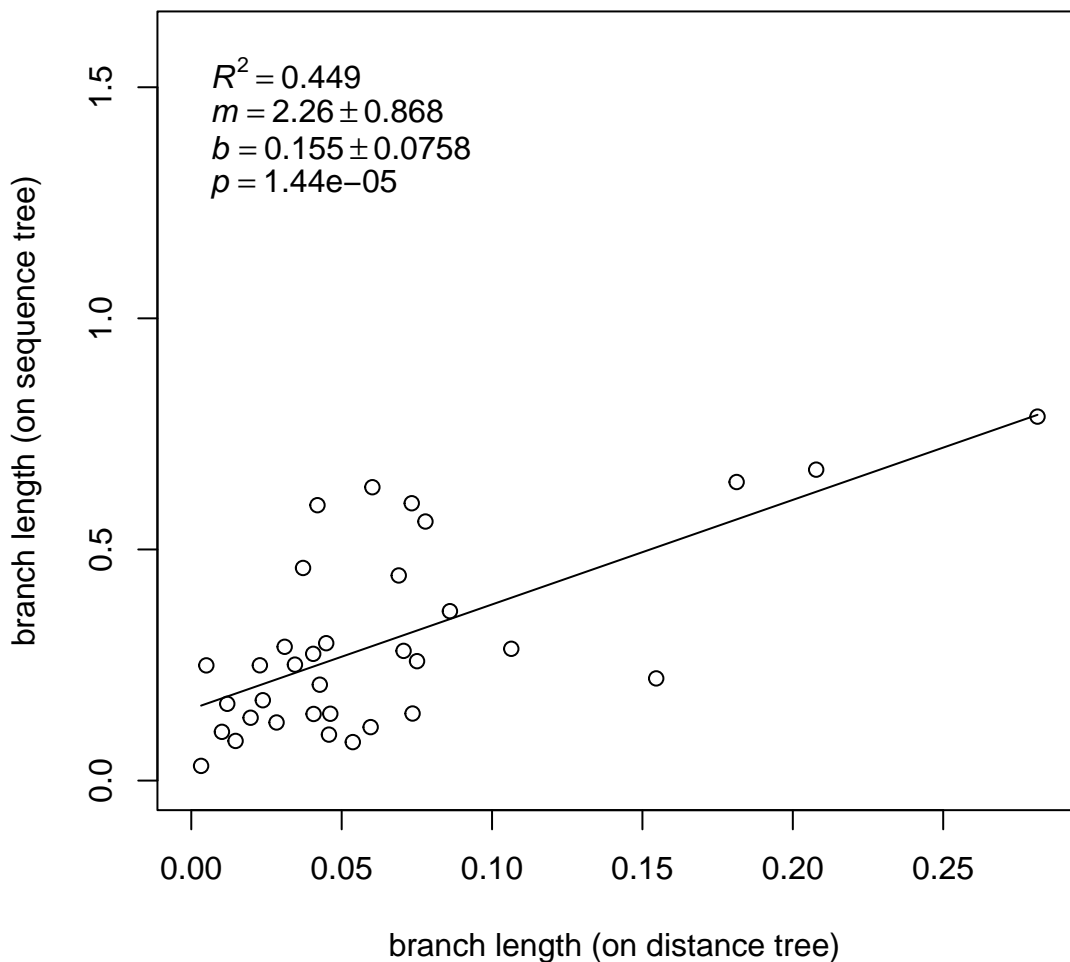
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (33/52 matches for #44: iqtrAF_FAMSA3di_BothTrim35_allmodels)**



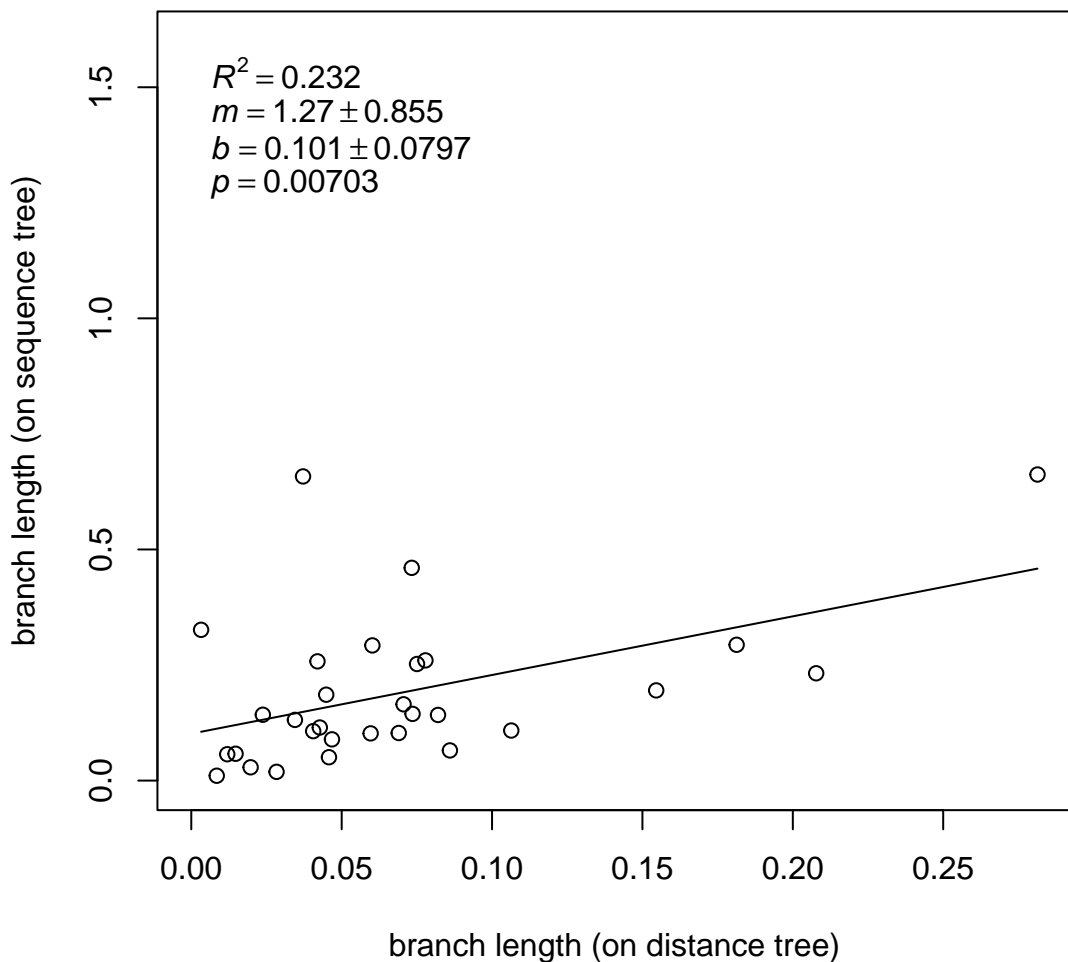
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (33/52 matches for #45: iqtrAF_FAMSA3di_BothTrim35NonPart)**



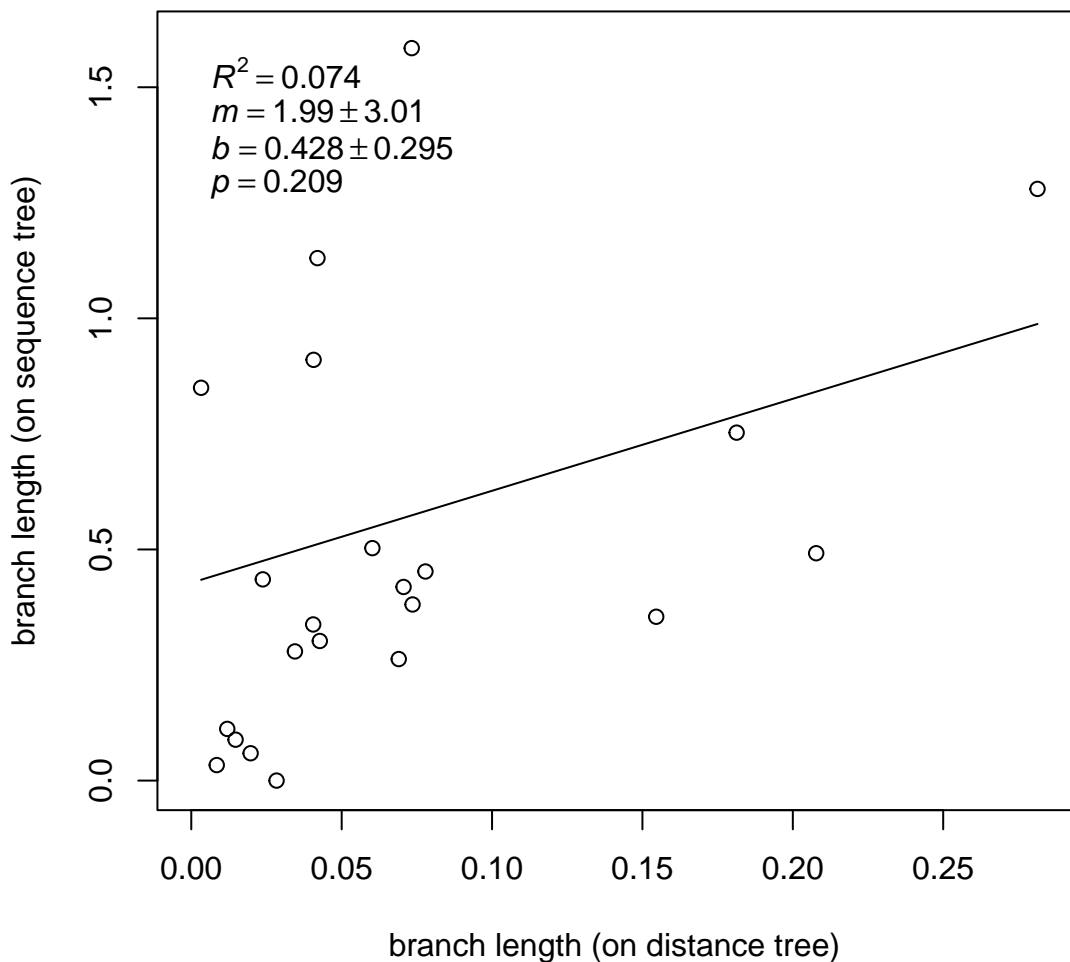
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (34/52 matches for #46: iqtrAF_FAMSA3di_BothTrim35NonPart_allmod**



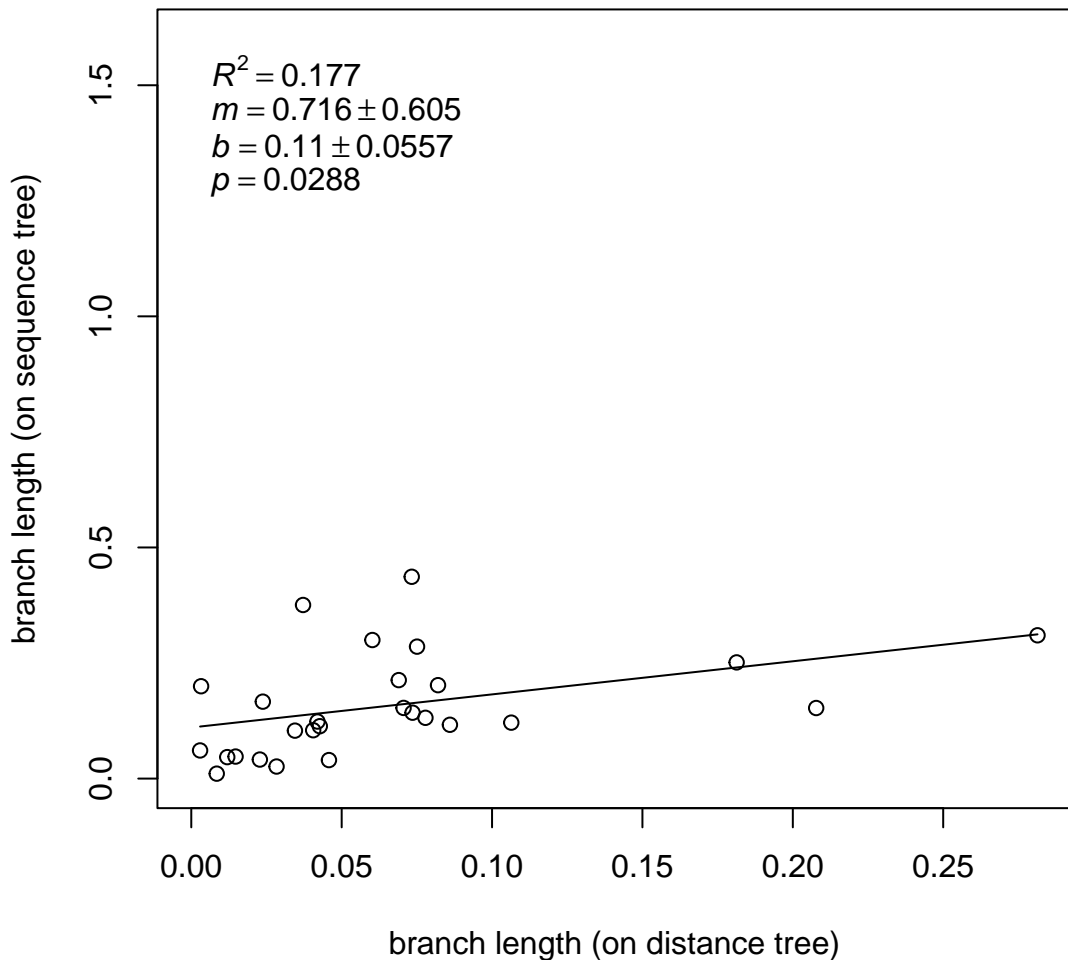
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (30/52 matches for #47: iqtrAF_USaln_3diFull)**



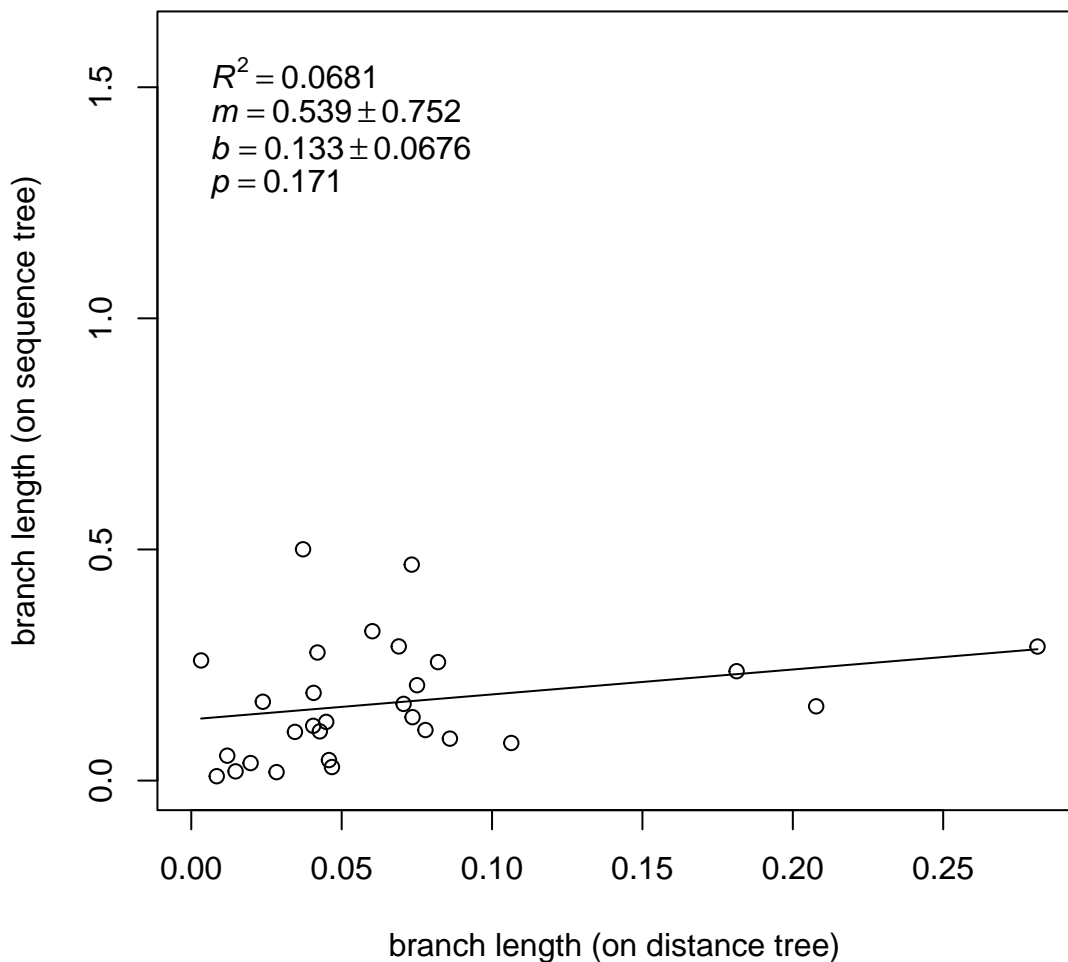
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (23/52 matches for #48: iqtrAF_USaln_3diFull_allmodels)**



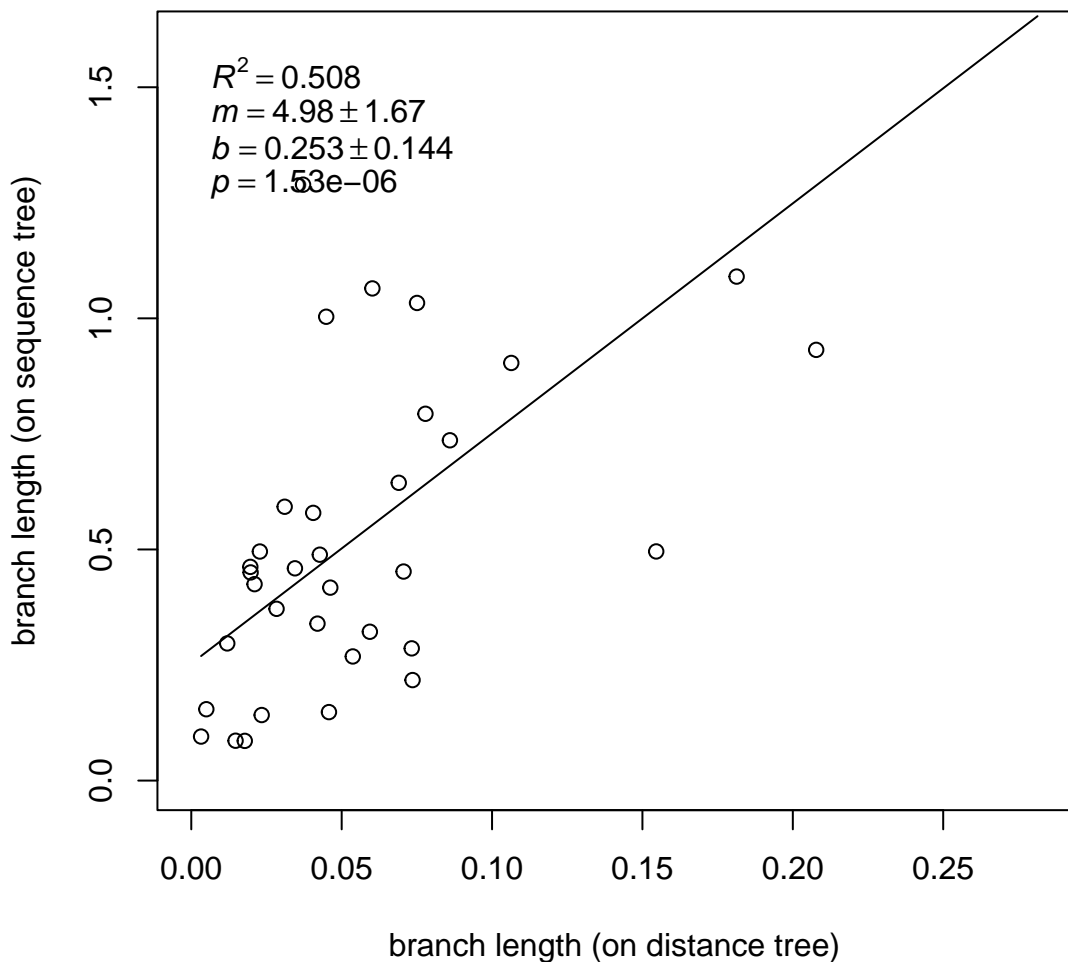
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (27/52 matches for #49: iqtrAF_USaln_3diTrim35)**



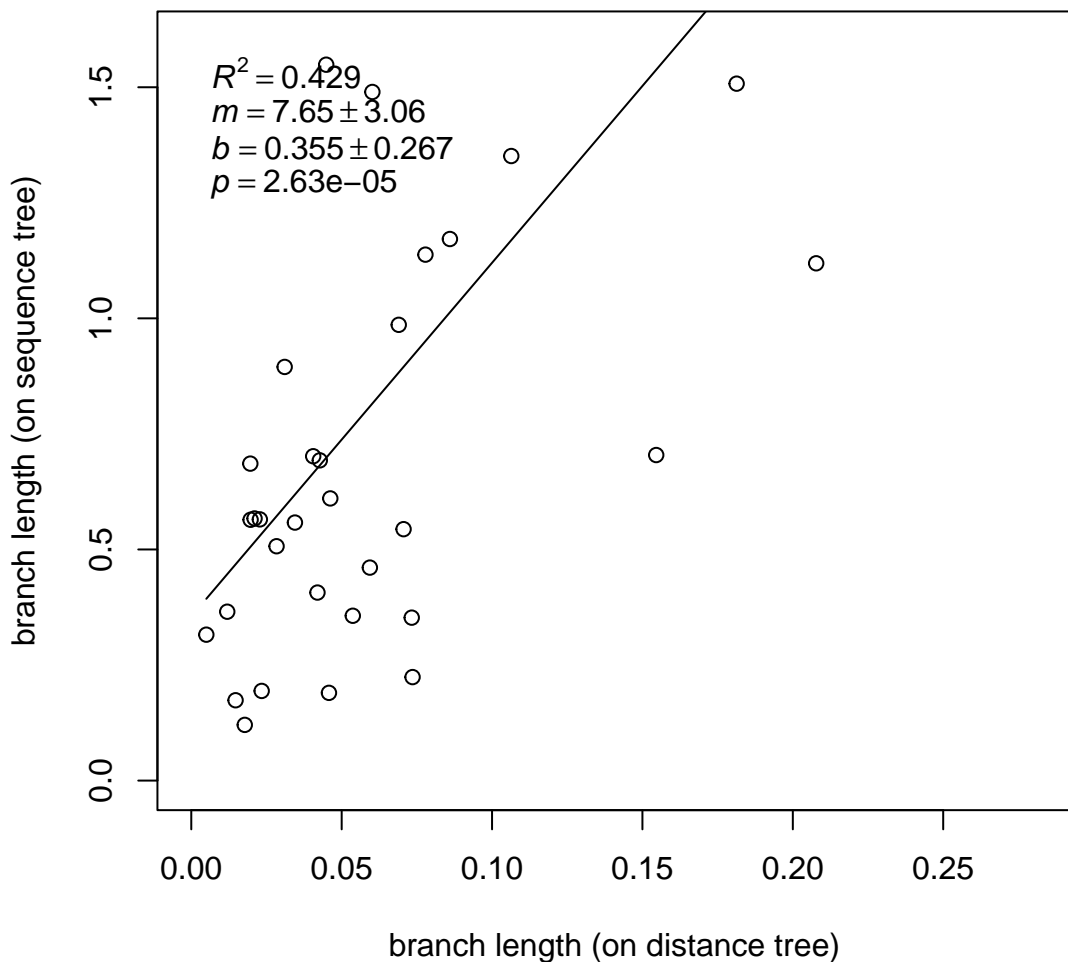
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (29/52 matches for #50: iqtrAF_USaln_3diTrim35_allmodels)**



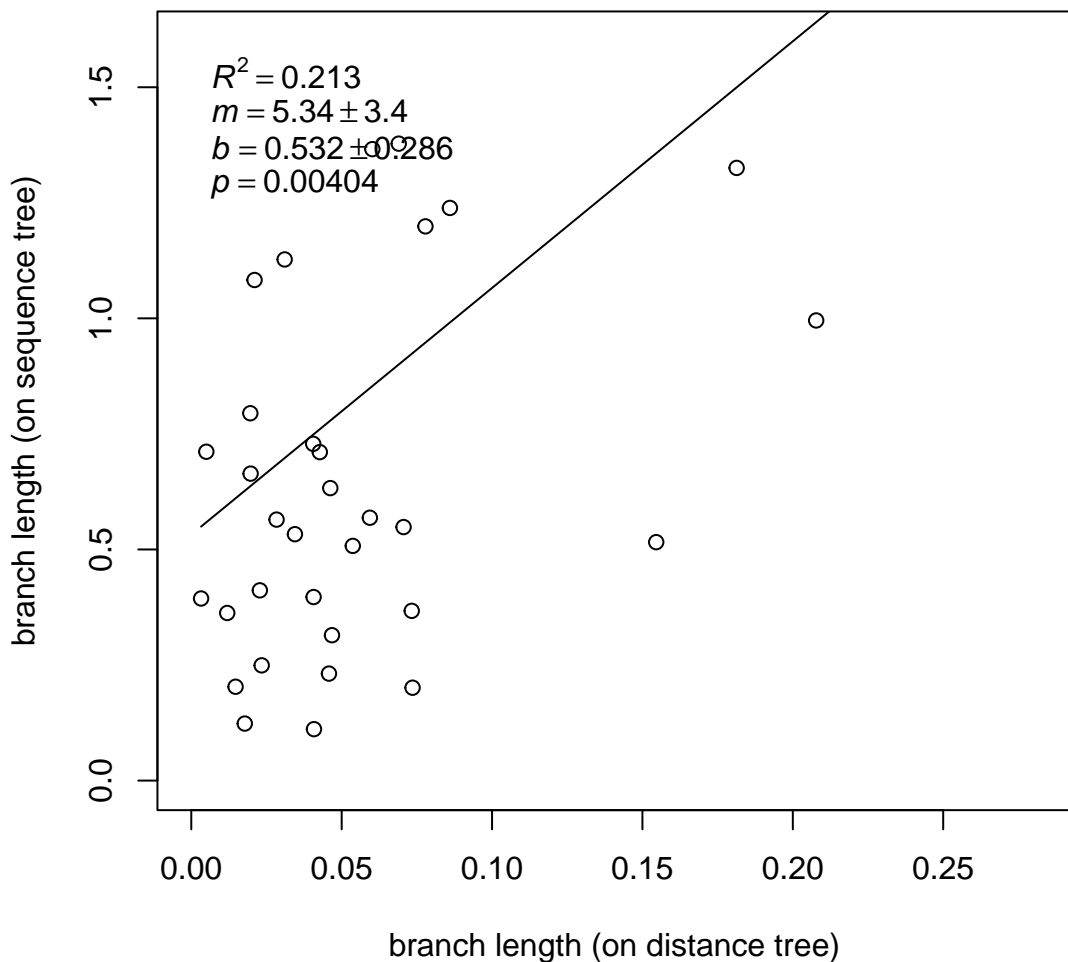
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #51: iqtrAF_USaln_AAfull)**



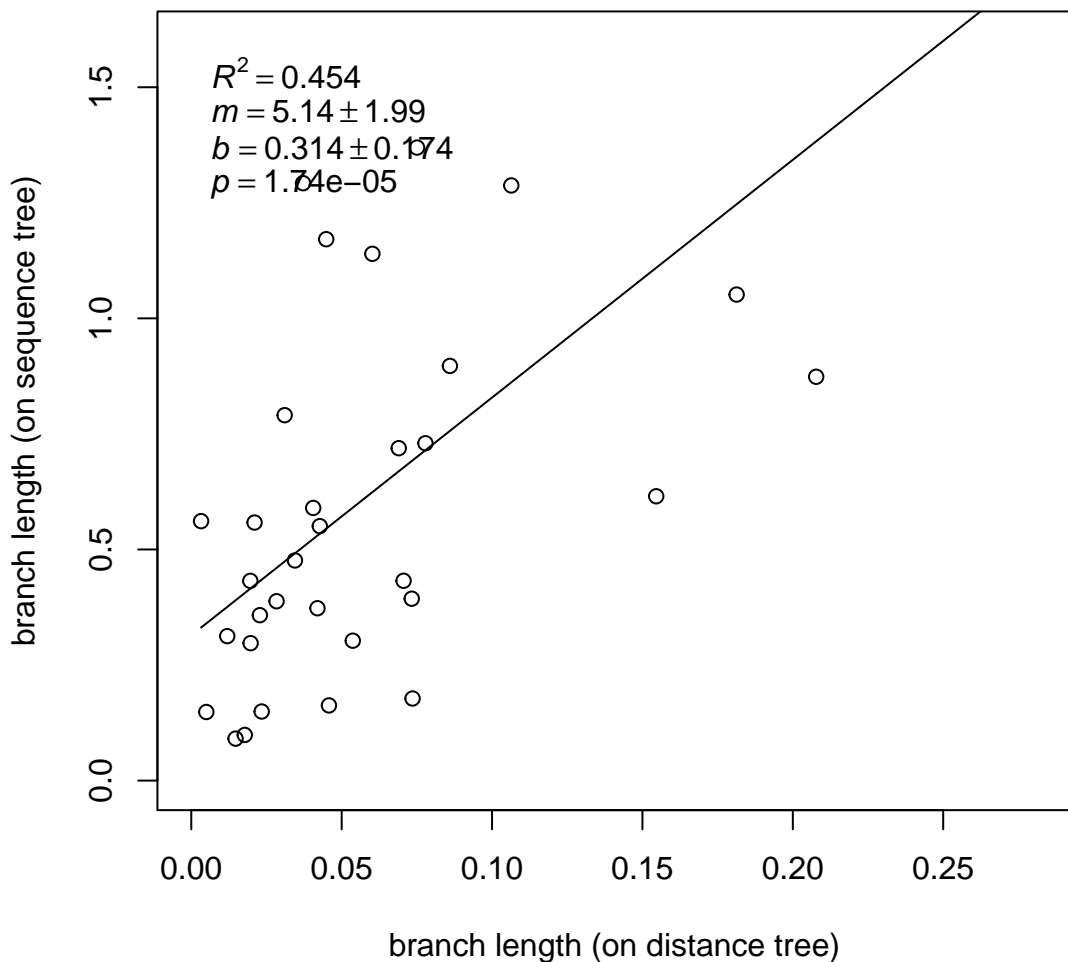
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (34/52 matches for #52: iqtrAF_USaln_AAfull_allmodels)**



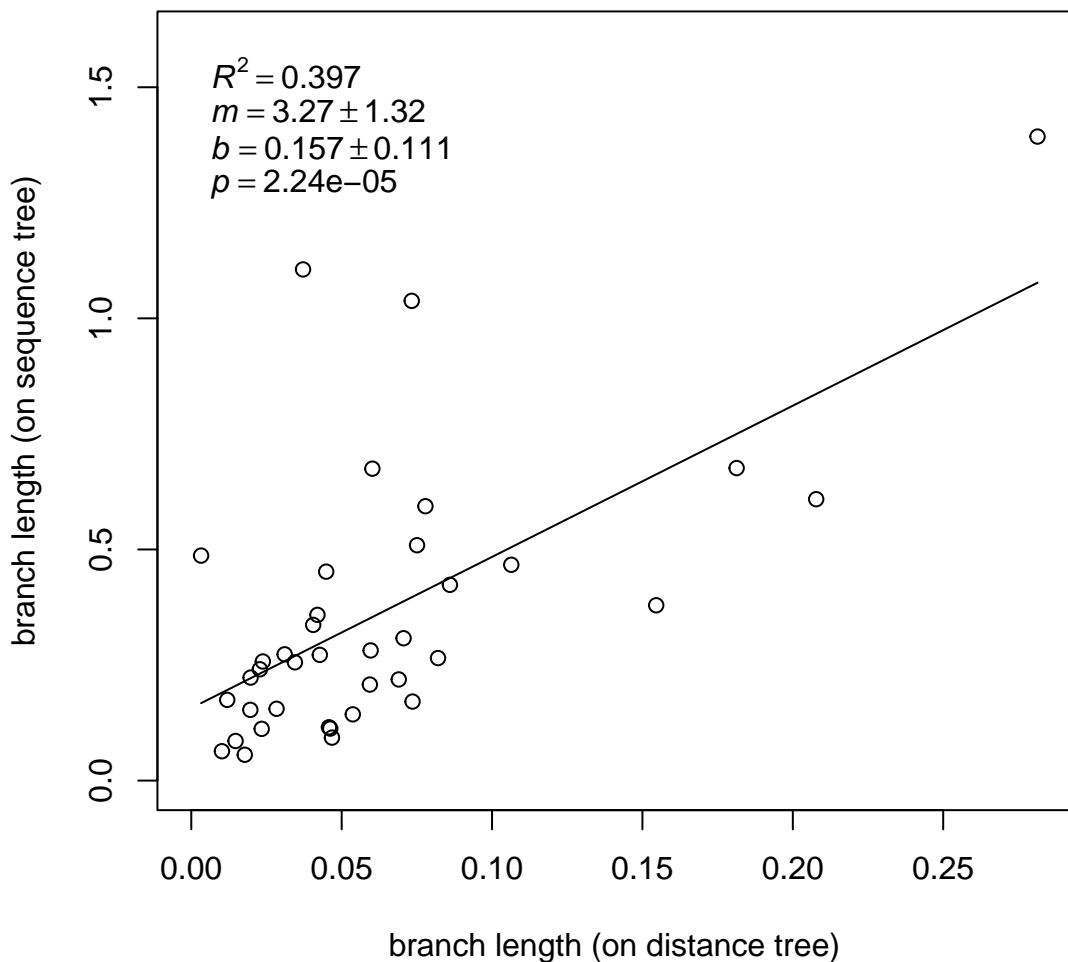
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (37/52 matches for #53: iqtrAF_USaln_AA_trim35)**



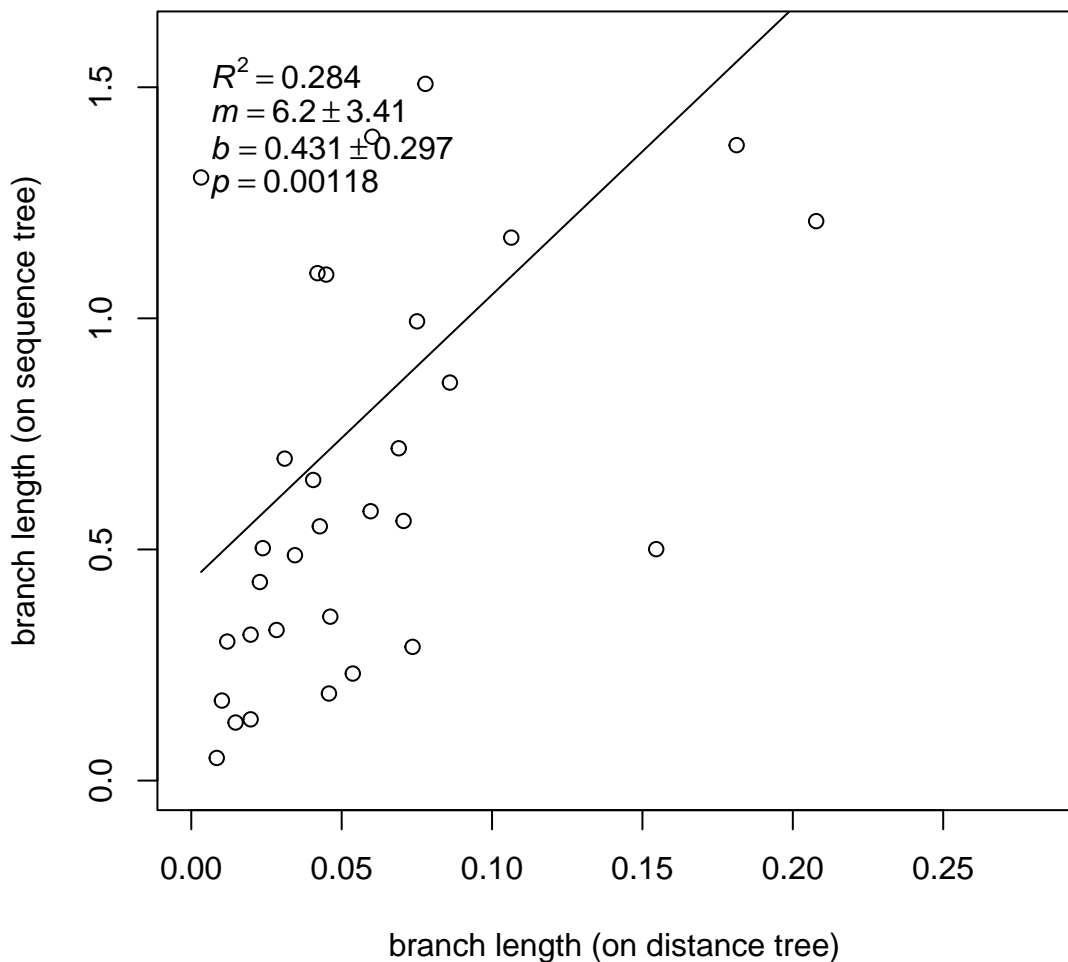
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (33/52 matches for #54: iqtrAF_USaln_AA_trim35_allmodels)**



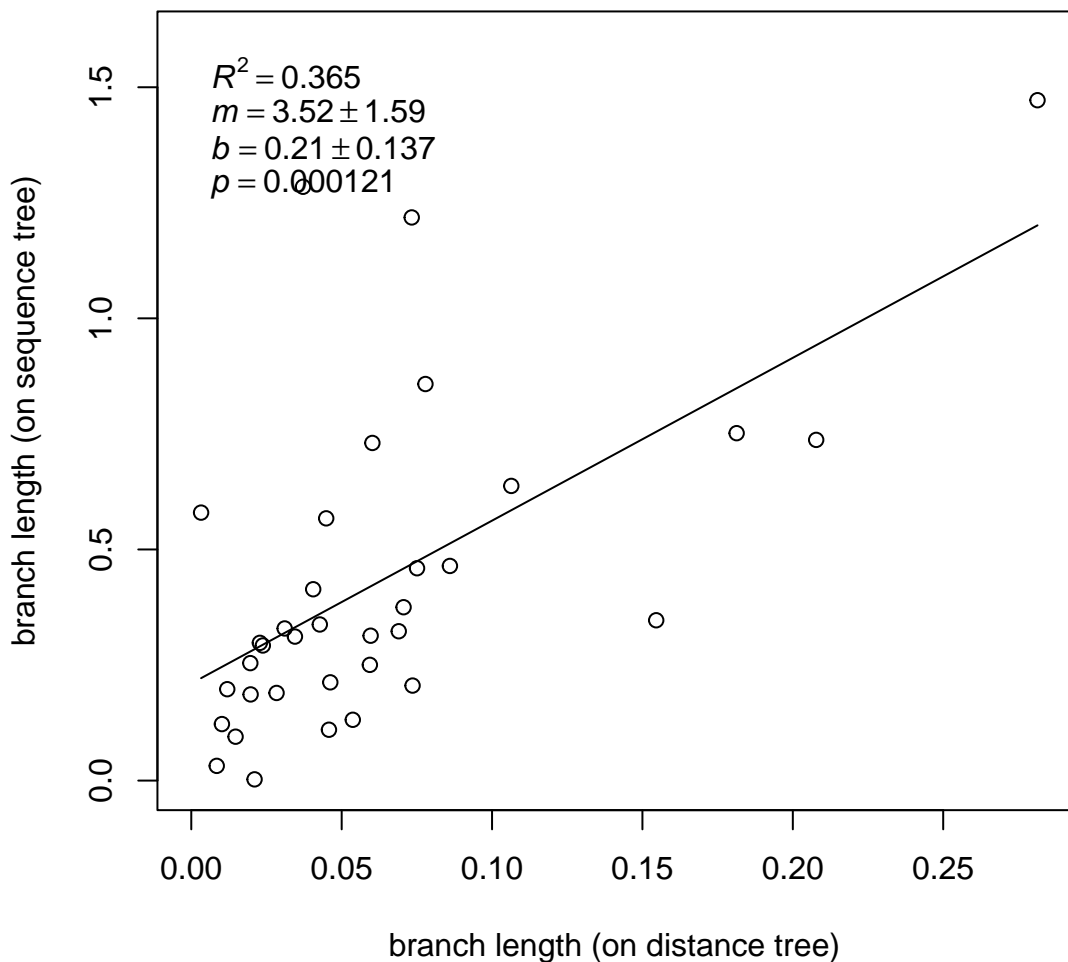
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (38/52 matches for #55: iqtrAF_USaln_BothFull)**



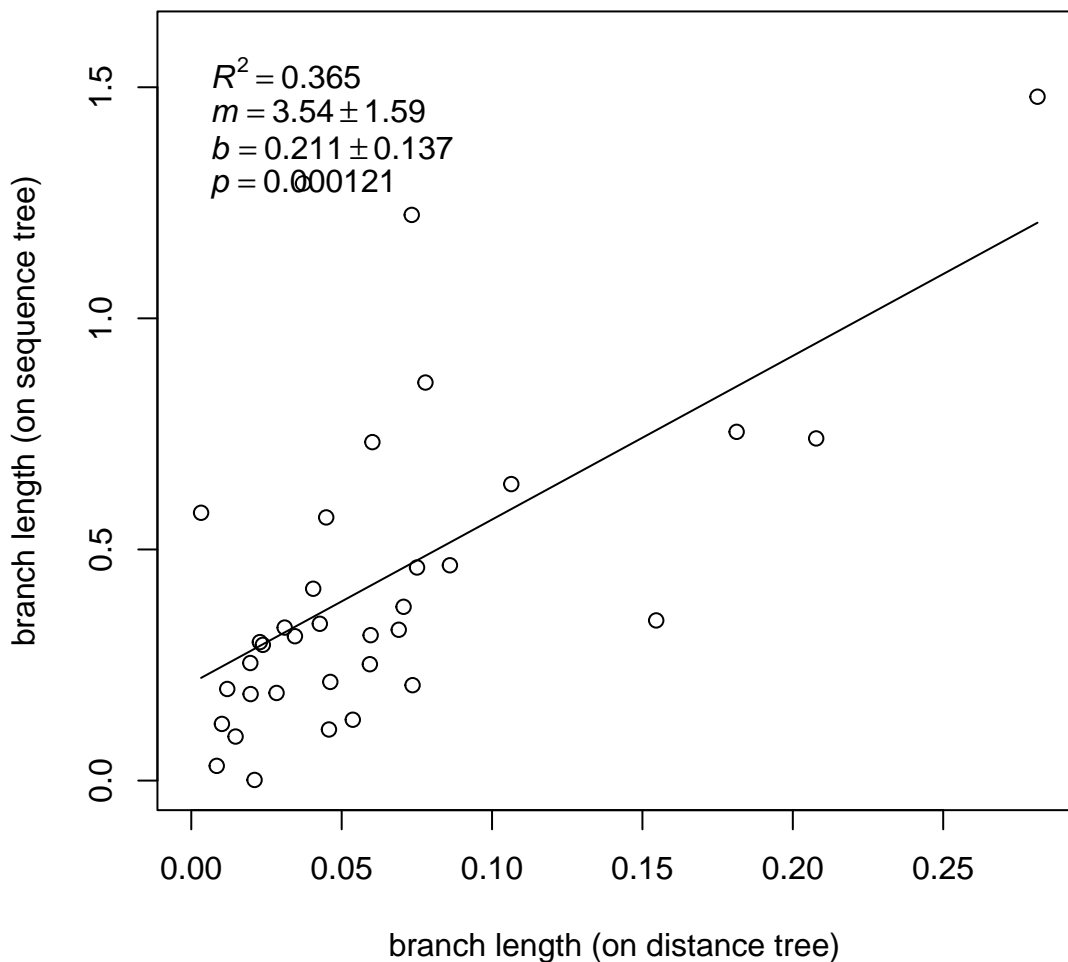
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (34/52 matches for #56: iqtrAF_USaln_BothFull_allmodels)**



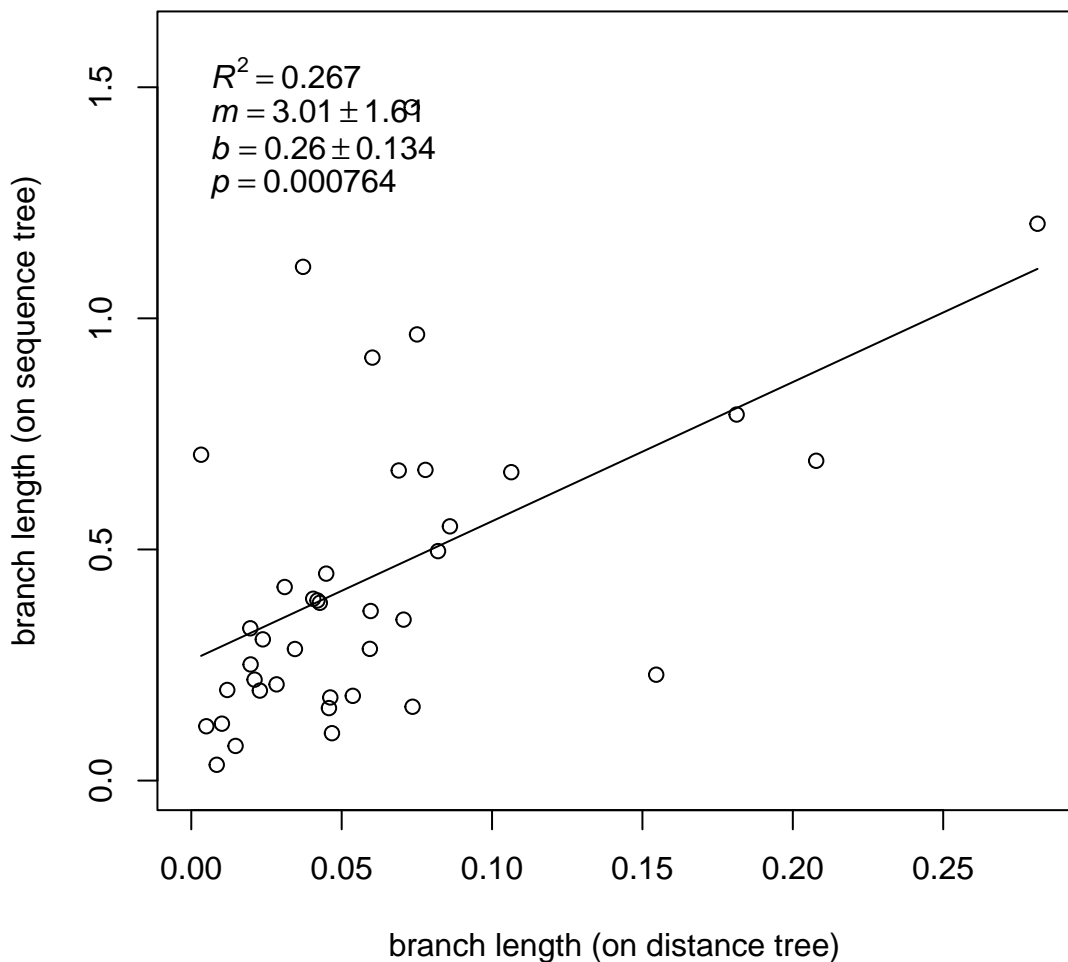
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #57: iqtrAF_USaln_BothFullNonPart)**



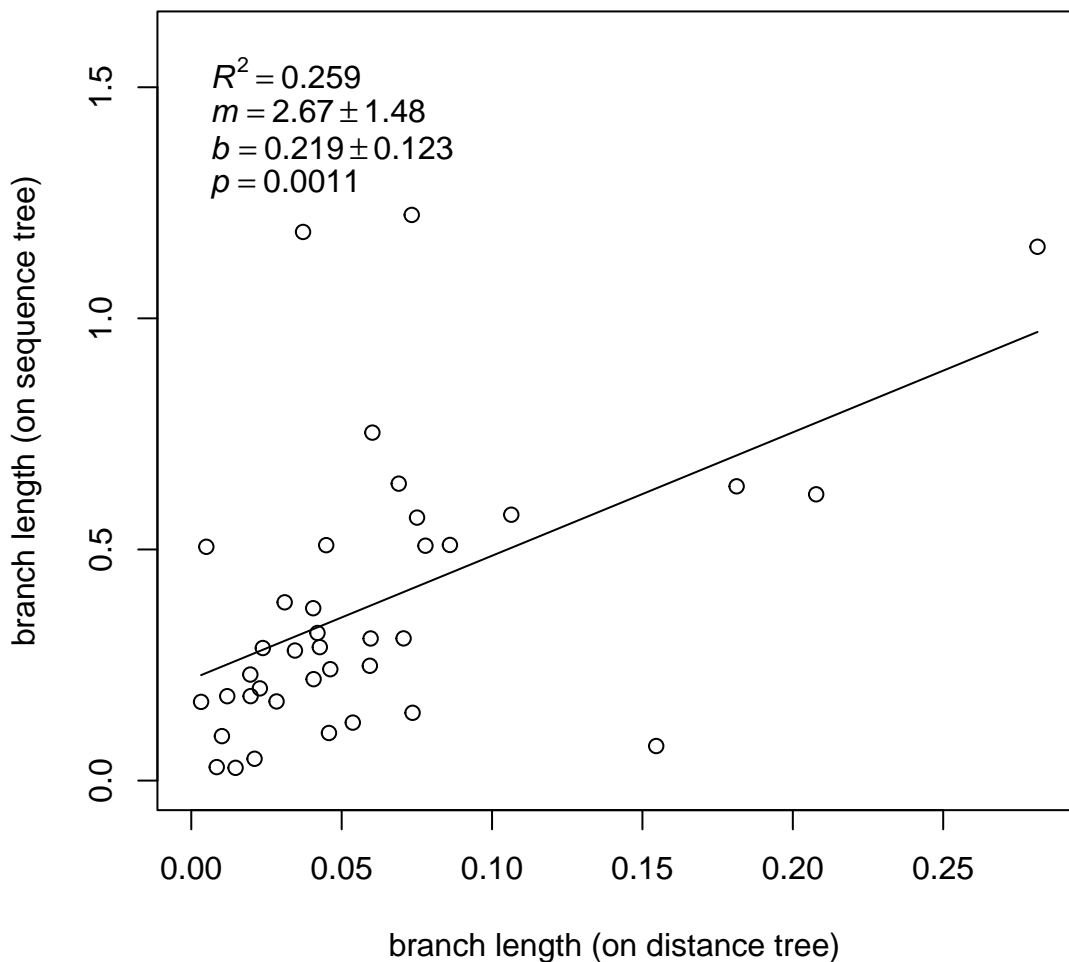
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (35/52 matches for #58: iqtrAF_USaln_BothFullNonPart_allmodels)**



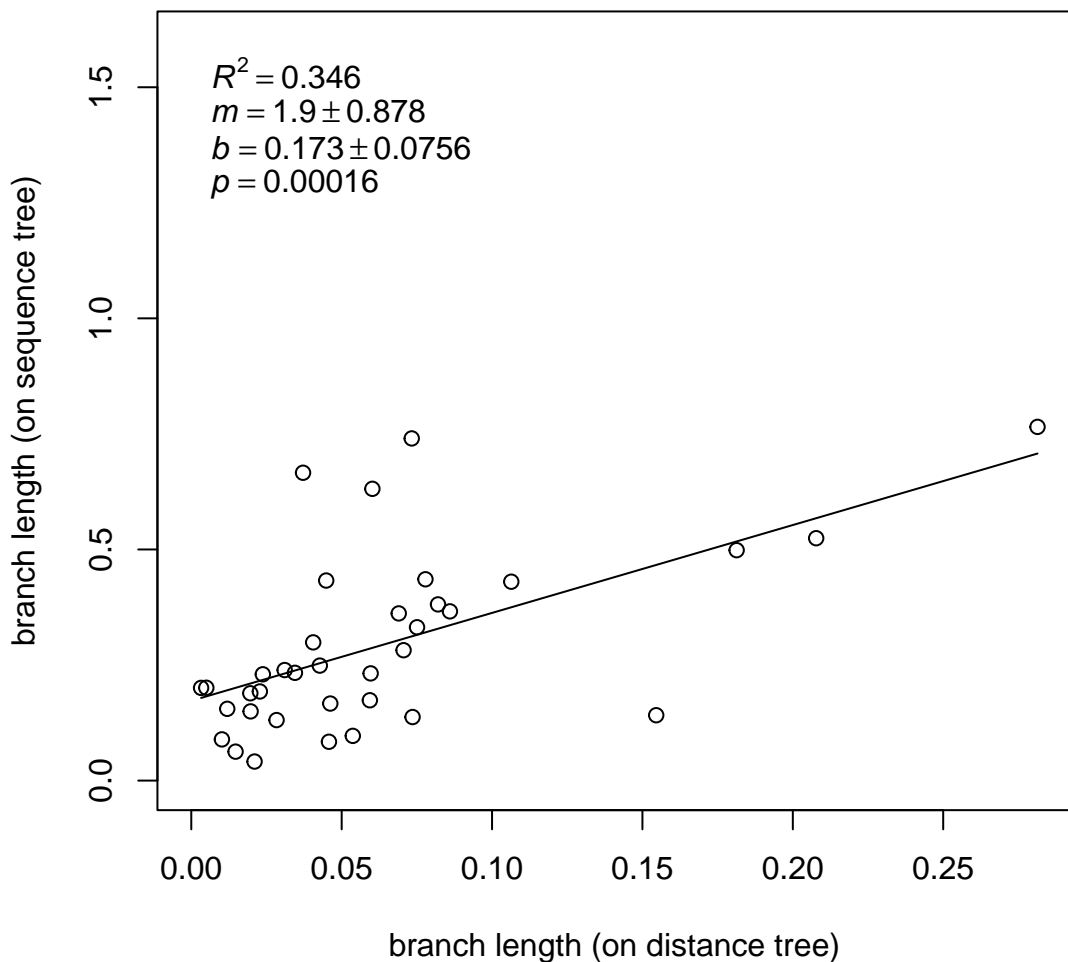
**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (39/52 matches for #59: iqtrAF_USaln_BothTrim35)**



**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (38/52 matches for #60: iqtrAF_USaln_BothTrim35_allmodels)**



**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (36/52 matches for #61: iqtrAF_USaln_BothTrim35NonPart)**



**Ferritin superfamily: Branch lengths (structural distance tree)
vs. branchlengths (37/52 matches for #62: iqtrAF_USaln_BothTrim35NonPart_allmodel**

