

0.7 Zm0522
1.9 Scd6b
2.0 Linc16b
2.1 Ccd24
2.4 Wp048
2.6 Dds32
2.7 Mgor151 Abt1
2.8 Ppao2b
2.9 Ccha Dab1
3.0 Dvsn3
3.1 Tnd1
3.1 Lysb
3.2 Cpr2
3.3 Bp045 Ccd39
3.3 B3gnt5
3.4 Rgt11
3.5 Nno_name No_name
3.6 Qcvg9_teng
3.8 Pst1
4.2 Qcvg92_teng Cldan
4.3 Ccvg92 Fygt1a
4.4 Nno_name
5.5 Egt1a
5.8 Xua1614
6.0 Pll3
6.1 Pstn2
6.2 Ait14
6.6 Otop1a
6.7 Qcvg9_teng

Phylogenetic tree showing the relationships between various AUBES proteins. The tree is rooted at the top with AUBES4813-C1q1387. The proteins are grouped into several major clades, including a large clade of AUBES proteins with various C1q domains (e.g., AUBES3538-Singleton, AUBES4368-C1q034, AUBES3573-C1q034, AUBES3374-C1q034, AUBES3329-C1q002, AUBES3357-C1q235, AUBES3229-C1q272, AUBES3144-C1q235, AUBES4472-C1q028, AUBES5275-C1q028, AUBES1932-Singleton, AUBES4546-C1q028, AUBES3316-Singleton, AUBES5328-C1q254, AUBES2722-C1q461, AUBES3380-C1q261, AUBES3203-C1q461, AUBES3328-C1q461, AUBES1384-C1q088, AUBES5408-Singleton, AUBES1383-Singleton, AUBES1990-C1q39, AUBES4369-Singleton, AUBES5036-C1q080, AUBES3410-Singleton, AUBES54810-C1q088, AUBES3292-Singleton, AUBES5303-Singleton, AUBES4302-C1q728, AUBES374-C1q119, AUBES3385-C1q085, AUBES1113-C1q0425, AUBES4429-C1q223, AUBES4427-C1q705, AUBES4694-C1q2813, AUBES4401-C1q2102, AUBES1610-C1q2577, AUBES4591-C1q2577, AUBES5248-C1q2024, AUBES1919-C1q2577, AUBES3303-C1q067, AUBES4351-C1q2570, AUBES5114-C1q085, AUBES5344-C1q067, AUBES51730-C1q085, AUBES3800-C1q1919, AUBES5192-C1q085, AUBES5006-C1q1919, AUBES5462-C1q064, AUBES3381-C1q770, AUBES3322-Singleton, AUBES3330-C1q072, AUBES5325-C1q119, AUBES3305-Singleton, AUBES52057-C1q570, AUBES5334-C1q067, AUBES4542-C1q064, AUBES3268-C1q120, AUBES5155-C1q080, AUBES5465-C1q067, AUBES54425-C1q705, AUBES1786-C1q1919, AUBES53717-C1q2664, AUBES52097-C1q2664, AUBES52801-C1q770, AUBES3749-C1q2664, AUBES2404-C1q664, AUBES2802-Singleton, AUBES53717-C1q2664, AUBES5182-Singleton, AUBES45425-C1q705, AUBES54442-C1q1919, AUBES3321-C1q770, AUBES4507-C1q258, AUBES52803-C1q774, AUBES4345-C1q1704, AUBES54400-C1q2102, AUBES51635-Singleton, AUBES5282-C1q1919, AUBES4249-Singleton, AUBES4075-C1q723, AUBES4371-C1q119, AUBES2794-C1q1676, AUBES3115-C1q724, AUBES5286-C1q498, AUBES4778-C1q123, AUBES11287-Singleton, AUBES12857-Singleton, AUBES5369-C1q481, AUBES4369-C1q481, AUBES4000-C1q1016, AUBES5197-Singleton, AUBES5373-C1q0850, AUBES4369-C1q727, AUBES5231-Singleton, AUBES54493-C1q1944, AUBES2204-C1q779, AUBES5156-C1q1422).

Phylogenetic tree of Tetraodon chromosome 10. The tree is rooted on the left with a red star and branches to the right. The tips of the branches are labeled with gene names and their corresponding bootstrap values. The labels are: Etf5a1, Gpr79, No_name1, Sic16a13, Acsp1, No_name1, No_name1, Crip4, Poolea, Per3, Kna1239, Sim2, Tbc1d19, Rbp, Man2b2, No_name, Cdn315, Met31, Oxa31, No_name, Bm31, No_name, Sic15, Sic42, No_name1. The bootstrap values are: 0.6, 0.7, 0.8, 1.3, 1.4, 1.5, 1.5, 1.6, 2.2, 2.4, 4.4, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.7, 5.8.