

Online Resource 8: Homologous gene pairs and their Ka/Ks values

Chickpea-Arabidopsis				
Ca_ID	At_ID	Ka	Ks	Ka/Ks
CarB3_8	AT1G30330.2	0.16	1.65	0.10
CarB3_48	AT1G19220.1	0.22	2.51	0.09
CarB3_40	AT1G30330.2	0.19	2.17	0.09
CarB3_11	AT1G19220.1	0.16	2.89	0.05
CarB3_48	AT5G20730.1	0.24	2.36	0.10
CarB3_35	AT1G30330.2	0.38	5.48	0.07
CarB3_11	AT5G20730.1	0.16	2.14	0.07
	Average	0.22	2.74	0.08
Chickpea-Glycine max				
CarB3_48	Glyma17g05220.1	0.07	0.42	0.16
CarB3_11	Glyma09g08350.1	0.05	0.55	0.10
CarB3_11	Glyma15g19980.2	0.06	0.54	0.11
CarB3_48	Glyma09g08350.1	0.09	0.55	0.16
CarB3_48	Glyma15g19980.2	0.09	0.53	0.18
CarB3_11	Glyma17g05220.1	0.07	0.70	0.10
CarB3_14	Glyma05g27580.1	0.31	4.24	0.07
CarB3_14	Glyma02g40650.1	0.05	0.41	0.13
CarB3_8	Glyma15g09750.2	0.05	0.49	0.11
CarB3_16	Glyma03g17450.1	0.08	0.96	0.08
CarB3_35	Glyma05g27580.1	0.37	3.85	0.10
CarB3_16	Glyma01g25270.5	0.08	1.02	0.08
CarB3_8	Glyma13g29320.1	0.06	0.52	0.12
CarB3_16	Glyma01g25270.5	0.08	1.02	0.08
CarB3_16	Glyma18g40180.1	0.08	0.56	0.14
CarB3_14	Glyma18g05330.1	0.07	0.56	0.13
CarB3_16	Glyma03g17450.1	0.08	0.96	0.08
CarB3_35	Glyma18g05330.1	0.05	0.41	0.13
CarB3_40	Glyma08g10550.1	0.08	0.51	0.15
CarB3_6	Glyma13g31970.1	0.07	0.44	0.15
CarB3_3	Glyma03g04330.2	0.08	0.40	0.20
CarB3_6	Glyma15g07350.1	0.07	0.44	0.15
CarB3_39	Glyma08g01100.1	0.09	0.84	0.10
CarB3_40	Glyma15g09750.2	0.08	0.58	0.14
CarB3_39	Glyma05g38540.5	0.09	0.82	0.11
CarB3_40	Glyma13g29320.1	0.08	0.64	0.13
CarB3_8	Glyma08g10550.1	0.08	0.63	0.13
CarB3_11	Glyma09g08350.1	0.05	0.55	0.10
CarB3_35	Glyma02g40650.1	0.07	0.54	0.14

CarB3_31	Glyma17g37580.1	0.08	0.60	0.13
CarB3_11	Glyma15g19980.2	0.06	0.54	0.11
CarB3_40	Glyma05g27580.1	0.07	0.48	0.14
	Average	0.09	0.82	0.12
Chickpea and Medicago				
CarB3_14	Medtr5g076270.1	0.03	0.25	0.14
CarB3_48	Medtr4g124900.1	0.06	0.28	0.22
CarB3_8	Medtr2g018690.1	0.04	0.32	0.13
CarB3_3	Medtr4g028130.1	0.05	0.30	0.18
CarB3_35	Medtr3g064050.1	0.03	0.24	0.14
CarB3_6	Medtr2g011940.1	0.05	0.29	0.17
CarB3_2	Medtr5g053920.1	0.06	0.66	0.10
CarB3_11	Medtr4g124900.1	0.08	0.83	0.10
CarB3_26	Medtr1g021270.1	0.07	0.25	0.29
CarB3_7	Medtr2g014770.1	0.06	0.29	0.23
CarB3_39	Medtr8g100050.1	0.05	0.47	0.11
CarB3_44	Medtr4g060460.1	0.09	0.37	0.25
CarB3_48	Medtr4g124900.1	0.06	0.28	0.22
CarB3_47	Medtr4g068320.1	0.09	0.40	0.23
CarB3_21	Medtr1g093600.1	0.09	0.32	0.28
CarB3_36	Medtr3g101520.1	0.11	0.41	0.26
CarB3_14	Medtr3g064050.1	0.09	0.61	0.15
CarB3_5	Medtr3g073420.1	0.09	0.50	0.18
CarB3_26	Medtr1g021360.1	0.73	1.71	0.43
CarB3_9	Medtr2g094570.1	0.07	0.46	0.16
CarB3_38	Medtr8g101360.1	0.09	0.31	0.28
	Average	0.10	0.45	0.20
Chickpea-chickpea				
CarB3_29	CarB3_30	0.5146	0.6826	0.753882215
CarB3_11	CarB3_48	0.0919	0.7909	0.116196738
CarB3_8	CarB3_40	0.0957	0.7621	0.125574072
	Average	0.23	0.74	0.33