

Table 1. Suppl. Primers used for real-time qPCR analysis.

Gene name	Unigene ID	Sequence (5'-3')
<i>C4H</i>	54449	CTGGTAAATCTCACGGGTCATGGGAAGAGTCCATTACTTTGGTCAG
<i>CHS</i>	10609	TGGGTGTCTTGTGTTGGATTGCGGATTACTACACACACTTACAAGCC
<i>F3H</i>	1667	CCACTATTTTCTCTCTCACTTTCCA CCACCGAACTGCCTTTACCT
<i>FLS</i>	44780	GCCAACGGAAGTGAAACAGAGATGAGGAGGAAGATAGTGAAGGAA
	625	ACCCTGTCCAAGACCAGACCCACCGAACTGCCTTTACCT
<i>OMT</i>	49313	ACGCCAAATGATAACTACGCTTCTCGCAGTTCTCTCTTTACCACCT
	49335	CCTTATGGTTTGGTGTGTTGGCTCGCAAATGGTAATCCCGTCTC
<i>F3'H</i>	22319	CAACAAGCTCAAGATTCTTTCATGCATCGTCAGTGTGTCGTCGTC
<i>F3'5'H</i>	42301	CACGAGATTGATGCTGGACGATCATTATTCTTGCTCCTACCGC
<i>MYBF1</i>	11090	ACAACAAGAAGAAGCACGATGGGGGAAAGGATGACTGGTAGGTG
<i>Actin</i>		GGAATCCACGAGACCACCTACAGATTGATCCTCCGATCCAGACA

Table 2 Suppl. UPLC-MS data of compounds (CE - collision energy, RT - retention time).

Compounds	Precursors	Fragmentors	CE	Product ion	RT [min]	Calibration curves	R ²
Dihydromyricetin	319.1	105	12	193	2.38	y=2098.66*x-7.81	0.999
Taxifolin	303.1	115	12	285	3.47	y=2177.73*x+29.39	0.999
Isorhamnetin-3-O-neohesperidoside	623.1	160	40	314	4.62	y=566.66*x+14.16	0.9999
Quercetin	301.1	130	30	115	8.23	y=1195.89*x+38.01	0.9999
Isorhamnetin	315.1	120	20	300	9.04	y=14231.54*x+1487.50	0.9906
Kaempferide	299.1	130	22	284	9.55	y=6115.72*x+84.67	0.9998
Hyperoside	463.1	170	27	300	4.75	y=5547.72*x+1.09	0.9999
Myricetin	317.1	130	28	151	5.79	y=975.88*x+83.00	0.9989
Rutin	609.1	200	35	300	4.93	y=2416.98*x+26.20	0.9997

Table 3 Suppl. Number of unigenes related to the flavonoids synthesis pathway under NaCl-treatment in *Reaumuria trigyna* (Deg/all - the ratio of DEGs among the annotated unigenes).

Gene	All	Deg	Upregulated	Downregulated	Deg/all [%]	Up/deg [%]
<i>PAL</i>	11	4	0	4	36	0
<i>C4H</i>	9	1	1	0	11	100
<i>4CL</i>	23	5	4	1	22	80
<i>CHS</i>	11	6	2	4	55	33
<i>CHI</i>	6	1	0	1	17	0
<i>F3H</i>	8	3	3	0	38	100
<i>FLS</i>	6	6	4	2	100	57
<i>F3'H</i>	2	2	1	1	100	50
<i>F3'5'H</i>	3	2	1	1	67	50
<i>UFGT</i>	5	5	2	3	100	40
<i>OMT</i>	6	6	6	0	100	100
<i>DFR</i>	4	4	0	4	100	0
<i>IFR</i>	5	5	0	5	100	0
<i>LDOX</i>	3	2	1	1	60	50
<i>CYP450</i>	16	16	16	0	100	100

Table 4 Suppl. Putative transcription factors related to the flavonoid synthesis pathway in *Reaumuria trigyna* (Fold change - relative fold-increase in expression of target genes in NaCl stress as compared to respective control.)

Gene name	Gene ID	Gene length [bp]	Accession	Fold change	Identity [%]	Function	Reference
<i>MYBF1</i>	unigene11090	947	gi 289623206 <i>Vitis vinifera</i>	8.22	79	regulation of flavonol synthesis	(Czemmel <i>et al.</i> 2009)
<i>MYB5b</i>	unigene4486	648	gi 526117769 <i>Vitis vinifera</i>	1.13	78	regulation of anthocyanin and proanthocyanidin biosynthesis	(Deluc <i>et al.</i> 2008)
<i>MYB1</i>	unigene14669	449	gi 23476279 <i>Gossypium hirsutum</i>	0.63	81	regulation of polyphenols accumulation	(Bomal <i>et al.</i> 2008)
	unigene15466	1440	gi 23476279 <i>Gossypium hirsutum</i>	3.73	72		
<i>MYB3</i>	unigene972	678	gi 2921333 <i>Lotus japonicus</i>	0.56	82	regulating anthocyanin biosynthesis in flower	(Nakatsuka <i>et al.</i> 2008)
	unigene 1212	1088	gi 731317153 <i>Arabidopsis thaliana</i>	0.38	80		
<i>MYCA1</i>	unigene13791	1902	gi 526118174 <i>Vitis vinifera</i>	1.00	75	related to flavonoid synthesis	(Matus <i>et al.</i> 2010)
<i>bHLH3</i>	unigene1295	992	gi 38490122 <i>Cornus capitata</i>	1.27	78	regulation of anthocyanin biosynthesis pathway	(Espley <i>et al.</i> 2007)
	unigene29229	964	gi 302398604 <i>Malus x domestica</i>	0.97	80		
<i>MYC1</i>	unigene 19039	1214	gi 33339703 <i>Catharanthus roseus</i>	0.55	75	promotion of anthocyanin accumulation in grape cells	(Hichri <i>et al.</i> 2010)
	unigene55994	581	gi 33339703 <i>Catharanthus roseus</i>	1.32	78		
<i>MYB32</i>	unigene 46082	252	gi 71041091 <i>Malus x domestica</i>	5.62	78	regulation of polyphenols accumulation	(Dubos <i>et al.</i> 2010)
<i>WRKY23</i>	unigene14033	1913	gi 42570003 <i>Arabidopsis thaliana</i>	2.95	79	control of flavonol biosynthesis	(Grunewald <i>et al.</i> 2012)

Table 5 Suppl. Candidate unigenes annotated to flavonoid biosynthesis pathway and differentially expressed between control (C21) and NaCl-treated samples (T43) in *Reaumuria trigyna*.

Gene name	Gene ID	Gene Length	C21_rawreads (8486531)	C21_RPK M	T43_rawreads (9560248)	T43_RPK M	log2(T43_RPK M/C21_RPKM)	Annotation
phenylalanine ammonia-lyase, PAL	Unigene 10418_All	283	96	39.9719	130	48.0494	0.2655	gi 188037480 gb ABN79671.2 [<i>Rudbeckia hirta</i>]
	Unigene 11798_All	896	381	50.1057	152	17.7446	-1.4976	gi 295002604 gb ADF59061.1 [<i>Pyrus x bretschneideri</i>]
	Unigene 13929_All	1840	972	62.247	1174	66.7392	0.1005	gi 253509589 gb ACT32033.1 [<i>Glycine soja</i>]
	Unigene 1723_All	2141	522	28.7292	157	7.6703	-1.9052	gi 3024360 sp Q42667.1 [<i>Citrus limon</i>]
	Unigene 30388_All	359	425	139.4968	404	117.7112	-0.245	gi 224068733 ref XP_002326186.1 [<i>Populus trichocarpa</i>]
	Unigene 30947_All	267	62	27.3622	58	22.7221	-0.2681	gi 241912463 gb ACS71953.1 [<i>Euphorbia pulcherrima</i>]
	Unigene 3979_All	311	50	18.9443	13	4.3723	-2.1153	gi 241912463 gb ACS71953.1 [<i>Euphorbia pulcherrima</i>]
	Unigene 62916_All	293	404	162.4739	333	118.8796	-0.4507	gi 190710709 gb ACE95170.1 [<i>Populus tomentosa</i>]
	Unigene 7935_All	451	168	43.8937	71	16.4669	-1.4144	gi 224068733 ref XP_002326186.1 [<i>Populus trichocarpa</i>]
	Unigene 8063_All	596	664	131.2779	553	97.0532	-0.4358	gi 237682387 gb ACR10243.1 [<i>Canarium album</i>]
	Unigene 9595_All	221	125	66.6481	134	63.4225	-0.0716	gi 56409806 emb CAH17686.1 [<i>Beta vulgaris</i>]

Gene name	Gene ID	Gene Length	C21 rawreads (8486531)	C21 RPK M	T43 rawreads (9560248)	T43 RPK M	log2(T43 RPK M/C21_RPKM)	Annotation
cinnamate-4-hydroxylate, C4H	Unigene 14792_All	520	19	4.3055	15	3.0173	-0.5129	gi 98283650 gb ABF58026.1 [<i>Hibiscus cannabinus</i>]
	Unigene 19365_All	387	411	125.1413	317	85.6799	-0.5465	gi 47933894 gb AAT39513.1 [<i>Camptotheca acuminata</i>]
	Unigene 20073_All	312	638	240.955	440	147.5125	-0.7079	gi 284022951 gb ADB65927.1 [<i>Ipomoea batatas</i>]
	Unigene 21626_All	620	904	171.8092	588	99.2011	-0.7924	gi 237682385 gb ACR10242.1 [<i>Canarium album</i>]
	Unigene 26866_All	737	34	5.436	46	6.5286	0.2642	gi 237682385 gb ACR10242.1 [<i>Canarium album</i>]
	Unigene 26989_All	557	74	15.6548	146	27.4175	0.8085	gi 284022951 gb ADB65927.1 [<i>Ipomoea batatas</i>]
	Unigene 32040_All	370	153	48.7259	255	72.089	0.5651	gi 84578865 dbj BAE72875.1 [<i>Verbena x hybrida</i>]
	Unigene 54449_All	663	16	2.8437	42	6.6262	1.2204	gi 84578865 dbj BAE72875.1 [<i>Verbena x hybrida</i>]
	Unigene 8352_All	675	429	74.8899	529	81.9752	0.1304	gi 161597779 gb ABX74779.1 [<i>Rubus coreanus</i>]
	Unigene 11762_All	424	251	69.7554	308	75.9829	0.1234	gi 224136077 ref XP_002322234.1 [<i>Populus trichocarpa</i>]
	Unigene 18575_All	821	17	2.4399	43	5.4784	1.1669	gi 224085996 ref XP_002307770.1 [<i>Populus trichocarpa</i>]
	Unigene 18690_All	1882	340	21.2877	385	21.3979	0.0074	gi 224121930 ref XP_002318708.1 [<i>Populus trichocarpa</i>]
4-coumarate-coaligase, 4CL	Unigene 18960_All	721	50	8.1716	58	8.4144	0.0422	gi 224074401 ref XP_002304364.1 [<i>Populus trichocarpa</i>]
	Unigene 19012_All	803	125	18.3427	81	10.5512	-0.7978	gi 224133070 ref XP_002327954.1 [<i>Populus trichocarpa</i>]

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4-coumarate- coalgase, 4CL	Unigene 21064_All	1503	470	36.8476	246	17.1201	-1.1059	gi 294516938 gb ADE96997.1 [<i>Sorbus aucuparia</i>]
	Unigene 22981_All	239	469	231.2303	441	193.0063	-0.2607	gi 187236798 gb ACD02135.1 [<i>Panicum virgatum</i>]
	Unigene 23101_All	335	6	2.1105	38	11.8651	2.4911	gi 224085996 ref XP_002307770.1 [<i>Populus trichocarpa</i>]
	Unigene 26060_All	761	937	145.0857	1138	156.4186	0.1085	gi 224126051 ref XP_002329649.1 [<i>Populus trichocarpa</i>]
	Unigene 28431_All	694	179	30.3923	126	18.9907	-0.6784	gi 294516938 gb ADE96997.1 [<i>Sorbus aucuparia</i>]
	Unigene 28743_All	707	313	52.1669	372	55.037	0.0773	gi 224121930 ref XP_002318708.1 [<i>Populus trichocarpa</i>]
	Unigene 55989_All	2314	110	5.6014	216	9.7639	0.8017	gi 224077516 ref XP_002305282.1 [<i>Populus trichocarpa</i>]
	Unigene 6950_All	1990	877	51.9298	2266	119.1071	1.1976	gi 224137016 ref XP_002322473.1 [<i>Populus trichocarpa</i>]
	Unigene 8526_All	483	16	3.9034	12	2.5988	-0.5869	gi 268636247 gb ACZ17392.1 [<i>Vitis vinifera</i>]
	Unigene 9129_All	1265	135	12.5751	149	12.3205	-0.0295	gi 224133070 ref XP_002327954.1 [<i>Populus trichocarpa</i>]
	Unigene 30111_All	386	357	108.981	444	120.3169	0.1428	gi 9651915 gb AAF91309.1 [<i>Rubus idaeus</i>]
	Unigene 34448_All	525	433	97.1848	507	101.0135	0.0557	gi 224121930 ref XP_002318708.1 [<i>Populus trichocarpa</i>]
	Unigene 34844_All	741	18	2.8624	15	2.1174	-0.4349	gi 224121930 ref XP_002318708.1 [<i>Populus trichocarpa</i>]
	Unigene 374_All	925	903	115.0312	1684	190.4282	0.7272	gi 224127758 ref XP_002329170.1 [<i>Populus trichocarpa</i>]

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4-coumarate-c oaligase, 4CL	Unigene 40111_All	316	84	3.3773	35	1.4349	8.3707	gi 224074393 ref XP_002304363.1 [<i>Populus trichocarpa</i>]
	Unigene 41381_All	2073	214	12.1642	335	16.9035	0.4747	gi 224077516 ref XP_002305282.1 [<i>Populus trichocarpa</i>]
	Unigene 48666_All	372	663	210.0102	1205	338.8246	0.6901	gi 224127758 ref XP_002329170.1 [<i>Populus trichocarpa</i>]
	Unigene 5163_All	1943	221	13.4026	404	21.749	0.6984	gi 224085996 ref XP_002307770.1 [<i>Populus trichocarpa</i>]
	Unigene 10609_All	332	38	13.487	125	39.3825	1.546	gi 12229613 sp Q9XGX2.1 [<i>Sorghum bicolor</i>]
chalcone synthase, CHS	Unigene 10759_All	365	532	171.7468	796	228.1135	0.4095	gi 293632014 gb ADE59487.1 [<i>Musa acuminata AAA Group</i>]
	Unigene 17828_All	264	734	327.6136	243	96.2794	-1.7667	sp P17957 [<i>Glycine max</i>]
	Unigene 26387_All	374	1288	405.8019	530	148.2297	-1.4529	gi 32329248 gb AAP74755.1 [<i>Gypsophila paniculata</i>]
	Unigene 26797_All	452	2292	597.5111	866	200.4058	-1.576	gi 300885273 gb ADK45325.1 [<i>Fallopia multiflora</i>]
	Unigene 33350_All	351	13	4.3642	6	1.788	-1.2874	gi 158515815 gb ABW69675.1 [<i>Ipomoea purpurea</i>]
	Unigene 3967_All	301	214	83.7755	368	127.8828	0.6102	gi 34850869 dbj BAC87863.1 [<i>Torenia hybrida</i>]
	Unigene 43107_All	208	284	160.8884	371	186.5698	0.2137	gi 29336939 sp Q9FSC0.1 [<i>Ruta graveolens</i>]
	Unigene 49878_All	206	1	0.572	2	1.0155	0.8281	gi 86753217 gb ABD14738.1 [<i>Ruta graveolens</i>]
	Unigene 54191_All	343	5	1.7177	26	7.9288	2.2066	gi 99923781 gb ABF68880.1 [<i>Cardamine pectinata</i>]
	Unigene 59601_All	231	265	135.177	340	153.956	0.1877	gi 86161572 gb ABC86919.1 [<i>Populus alba</i>]

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chalcone isomerase, CHI	Unigene 23656_All	807	203	29.641	102	13.2208	-1.1648	gi 239949926 gb ACS36662.1 [<i>Vitis labrusca</i>]
	Unigene 25017_All	803	39	5.7229	73	9.5091	0.7326	gi 42569342 ref NP_180199.3 [<i>Arabidopsis thaliana</i>]
	Unigene 23799_All	276	157	67.0286	172	65.1854	-0.0402	gi 122233481 sp Q45Q17.2 [<i>Camellia sinensis</i>]
	Unigene 29565_All	904	953	124.2208	709	82.0368	-0.5986	gi 224119114 ref XP_002331328.1 [<i>Populus trichocarpa</i>]
	Unigene 4002_All	377	579	180.9702	405	112.3685	-0.6875	gi 224708766 gb ACN60401.1 [<i>Capsicum annuum</i>]
	Unigene 6685_All	399	158	46.661	106	27.7884	-0.7477	gi 170783764 gb ACB37366.1 [<i>Glycine max</i>]
	Unigene 1322_All	1023	926	106.6609	689	70.4489	-0.5984	gi 119657097 gb ABL86673.1 [<i>Gossypium barbadense</i>]
	Unigene 1667_All	1263	175	16.3269	128	10.6008	-0.6231	gi 297808467 ref XP_002872117.1 [<i>Arabidopsis lyrata subsp. lyrata</i>]
flavanone 3-hydroxylase, F3H	Unigene 29546_All	642	70	12.8479	194	31.608	1.2988	gi 115476924 ref NP_001062058.1 [<i>Oryza sativa Japonica Group</i>]
	Unigene 29669_All	1116	128	13.515	177	16.5898	0.2957	gi 115476924 ref NP_001062058.1 [<i>Oryza sativa Japonica Group</i>]
	Unigene 33079_All	435	79	21.3997	222	53.382	1.3188	gi 115476924 ref NP_001062058.1 [<i>Oryza sativa Japonica Group</i>]
	Unigene 3421_All	310	115	43.7125	287	96.8392	1.1475	gi 224103505 ref XP_002313083.1 [<i>Populus trichocarpa</i>]
	Unigene 41988_All	689	59	10.0903	74	11.2342	0.1549	gi 240255924 ref NP_567491.5 [<i>Arabidopsis thaliana</i>]
	Unigene 60106_All	237	207	102.9181	125	55.1687	-0.8996	gi 238625281 gb ACR47976.1 [<i>Juglans regia</i>]

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flavonol synthase, FLS	Unigene 23941_All	237	381	189.429	179	79.0015	-1.2617	gi 221047210 gb ACL98052.1 [<i>Camellia sinensis</i>]
	Unigene 44780_All	231	173	88.2478	489	221.4255	1.3272	gi 224103503 ref XP_002313082.1 [<i>Populus trichocarpa</i>]
	Unigene 59864_All	234	4	2.0143	36	16.0923	2.998	gi 2688828 gb AAB88878.1 [<i>Prunus armeniaca</i>]
	Unigene 60648_All	244	622	300.3795	332	142.3243	-1.0776	gi 224063126 ref XP_002301003.1 [<i>Populus trichocarpa</i>]
	Unigene 625_All	1404	156	13.0926	978	72.8623	2.4764	gi 18402992 ref NP_566685.1 [<i>Arabidopsis thaliana</i>]
	Unigene 64863_All	526	6	1.3441	252	50.1125	5.2205	gi 297806577 ref XP_002871172.1 [<i>Arabidopsis lyrata subsp. lyrata</i>]
	Unigene 13978_All	1396	1681	141.8901	771	57.7697	-1.2964	gi 14423327 gb AAK62346.1 [<i>Vitis vinifera</i>]
	Unigene 22319_All	1015	134	7.626	74	15.5564	1.0285	gi 30421433 gb AAP31058.1 [<i>Populus trichocarpa</i>]
	Unigene 29604_All	785	210	31.5224	247	32.9123	0.0622	gi 30421433 gb AAP31058.1 [<i>Populus trichocarpa</i>]
	Unigene 42301_All	201	2	0.5204	1	1.1725	1.1719	gi 224126737 ref XP_002319914.1 [<i>Gossypium hirsutum</i>]
UDP flavonoid glucosyl transferase, UFGT	Unigene 45635_All	245	10	4.8095	1	0.4269	-3.4939	gi 297811849 ref XP_002873808.1 [<i>Gossypium hirsutum</i>]
	Unigene 63776_All	340	7	2.426	34	10.46	2.1082	gi 52839676 dbj BAD52003.1 [<i>Morella rubra</i>]
	Unigene 20183_All	481	26	6.3694	83	18.0494	1.5027	gi 209954711 dbj BAG80546.1 [<i>Vitis vinifera</i>]

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UDP flavonoid glucosyl transferase, UFGT	Unigene 13453_All	408	150	43.3212	28	7.1784	-2.5933	gi 222858290 gb EEE95837.1 [Populus trichocarpa]
	Unigene 14481_All	939	259	32.5015	78	8.6888	-1.9033	gi 297319645 gb EFH50067.1 [Arabidopsis lyrata subsp. lyrata]
	Unigene 9797_All	276	241	102.8911	120	45.4782	-1.1779	gi 52839676 dbj BAD52003.1 [Dianthus caryophyllus]
O-methyltransferase, OMT	Unigene 62137_All	270	1	0.4364	44	17.0459	5.2876	gi 6630734 emb CAB64217.1 [Arabidopsis thaliana]
	Unigene 52342_All	330	1	0.3571	25	7.9242	4.4719	gi 224069629 ref XP_002326388.1 [Populus trichocarpa]
	Unigene 49313_All	614	540	103.6323	3816	650.086	2.6492	gi 115465627 ref NP_001056413.1 [Populus trichocarpa]
	Unigene 49335_All	639	438	80.7687	2740	448.5187	2.4733	gi 6630734 emb CAB64217.1 [Arabidopsis thaliana]
	Unigene 28478_All	693	32	5.4411	173	26.1122	2.2628	gi 47900734 gb AAT39306.1 [Populus trichocarpa]
	Unigene 33674_All	275	21	8.9982	63	23.9629	1.4131	gi 228480464 gb ACQ41893.1 [Prunus mume]
	Unigene 30811_All	323	831	303.1575	459	148.6418	-1.0282	gi 149349541 gb ABR24115.1 [Vitis vinifera]
	Unigene 23305_All	340	331	114.7146	69	21.2276	-2.434	gi 1230614 gb AAB67729.1 [Lupinus albus]
isoflavone reductase, IFR	Unigene 6793_All	433	81	22.0428	33	7.9718	-1.4673	p P52581 [Lupinus albus]
	Unigene 10289_All	550	3712	795.2709	1460	277.6649	-1.5181	gi 76559894 tpe CAI56334.1 [Vitis vinifera]
	Unigene 64845_All	525	1635	366.968	865	172.3406	-1.0904	sp P52577 [Arabidopsis thaliana]

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Dihydroflavonol-4-reductase, DFR	Unigene 1573_All	989	115	13.7016	60	6.3458	-1.1105	gi 76559894 tpe CAI56334.1 [<i>Oryza sativa Japonica Group</i>]
	Unigene 6323_All	365	70	22.5983	19	5.4449	-2.0532	gi 1708424 sp P52581.1 [<i>Jatropha curcas</i>]
	Unigene 21688_All	706	1293	215.8061	556	82.376	-1.3894	gi 116077990 dbj BAF34846.1 [<i>Solanum demissum</i>]
	Unigene 4360_All	496	362	85.9997	174	36.6943	-1.2288	gi 76559894 tpe CAI56334.1 [<i>Camellia oleifera</i>]
	Unigene 38112_All	509	28	6.482	22	4.521	-0.5198	gi 20260150 gb AAM12973.1 [<i>Arabidopsis thaliana</i>]
leucoanthocyanidin dioxygenase, LDOX	Unigene 24841_All	549	14	3.0049	470	89.5481	4.8973	gi 297806577 ref XP_002871172.1 [<i>Arabidopsis lyrata subsp. lyrata</i>]
	Unigene 26243_All	473	28	6.9754	12	2.6537	-1.3943	gi 1769592 gb AAB39995.1 [<i>Dianthus caryophyllus</i>]
	Unigene 50151_All	427	5	1.3798	56	13.718	3.3135	gi 222846837 gb EEE84384.1 [<i>Populus trichocarpa</i>]
Cytochrome P450, CYP450	Unigene 3027_All	833	18	2.5462	153	19.2122	2.9156	gi 224071632 ref XP_002303546.1 [<i>Populus trichocarpa</i>]
	Unigene 32892_All	339	17	5.9091	119	36.7179	2.6355	gi 46359653 dbj BAD15331.1 [<i>Panax ginseng</i>]
	Unigene 27527_All	1578	83	6.1978	522	34.6015	2.481	gi 224071632 ref XP_002303546.1 [<i>Populus trichocarpa</i>]
	Unigene 9696_All	615	29	5.5564	155	26.3626	2.2463	gi 224058639 ref XP_002299579.1 [<i>Populus trichocarpa</i>]
	Unigene 25799_All	1548	103	7.8404	406	27.4338	1.807	gi 46359653 dbj BAD15331.1 [<i>Panax ginseng</i>]
	Unigene 15046_All	1683	71	4.971	270	16.7807	1.7552	gi 17065916 emb CAC80883.1 [<i>Catharanthus roseus</i>]

Gene name	Gene ID	Gene Length	C21_rawreads (8486531)	C21_RP KM	T43 rawreads (9560248)	T43_RPK M	log2(T43_RPK M/C21_RPKM)	Annotation
Cytochrome P450, CYP450	Unigene 25113_All	564	337	70.4078	1269	235.3495	1.741	gi 224137306 ref XP_002327093.1 [<i>Populus trichocarpa</i>]
	Unigene 32915_All	385	15	4.5909	52	14.1278	1.6217	gi 224058639 ref XP_002299579.1 [<i>Populus trichocarpa</i>]
	Unigene 21780_All	783	21	3.1603	69	9.2176	1.5443	gi 85001719 gb ABC68413.1 [<i>Glycine max</i>]
	Unigene 14053_All	1821	288	18.636	834	47.9057	1.3621	gi 42569342 ref NP_180199.3 [<i>Populus trichocarpa</i>]
	Unigene 28321_All	1867	651	41.0872	1746	97.8207	1.2515	gi 22406393 ref XP_002301307.1 [<i>Populus trichocarpa</i>]
	Unigene 15824_All	412	52	14.8722	122	30.9737	1.0584	gi 85001709 gb ABC68408.1 [<i>Oryza sativa Japonica Group</i>]
	Unigene 30263_All	534	31	6.8405	123	24.0932	1.8165	gi 224058639 ref XP_002299579.1 [<i>Populus trichocarpa</i>]
	Unigene 56133_All	393	2	0.5997	22	5.8555	3.2875	gi 78183422 dbj BAE47005.1 [<i>Catharanthus roseus</i>]
	Unigene 25799_All	1548	103	7.8404	406	27.4338	1.807	gi 224125106 ref XP_002329895.1 [<i>Panax ginseng</i>]