Supplementary Data 1

AminoAcid	Symbol	Codon	No.	RSCU
*	Ter	UAA	110	2.3742
*	Ter	UAG	23	0.4965
*	Ter	UGA	6	0.1296
A	Ala	GCA	610	1.3848
A	Ala	GCC	156	0.354
A	Ala	GCG	129	0.2928
A	Ala	GCU	867	1.9684
C	Cys	UGC	47	0.331
C	Cys	UGU	237	1.669
D	Asp	GAC	163	0.2544
D	Asp	GAU	1118	1.7456
E	Glu	GAA	1539	1.646
E	Glu	GAG	331	0.354
F	Phe	UUC	213	0.2588
F	Phe	UUU	1433	1.7412
G	Gly	GGA	726	1.432
G	Gly	GGC	132	0.2604
G	Gly	GGG	263	0.5188
G	Gly	GGU	907	1.7888
H	His	CAC	70	0.275
H	His	CAU	439	1.725
I	Ile	AUA	974	0.9225
I	Ile	AUC	295	0.2793
I	Ile	AUU	1898	1.7979
K	Lys	AAA	2194	1.716
K	Lys	AAG	363	0.284
L	Leu	CUA	365	0.6438
L	Leu	CUC	59	0.1038
L	Leu	CUG	53	0.0936
L	Leu	CUU	480	0.8466
L	Leu	UUA	2145	3.7842
L	Leu	UUG	299	0.5274
M	Met	AUG	614	3.974
M	Met	AUU	1	0.0064
M	Met	GUG	2	0.0128
M	Met	UUG	1	0.0064
N	Asn	AAC	236	0.259
N	Asn	AAU	1586	1.741
P	Pro	CCA	475	1.6564
P	Pro	CCC	107	0.3732
P	Pro	CCG	75	0.2616
P	Pro	CCU	490	1.7088
Q	Gln	CAA	982	1.732
Q	Gln	CAG	152	0.268
R	Arg	AGA	567	2.271
R	Arg	AGG	98	0.3924
R	Arg	CGA	298	1.1934
R	Arg	CGC	59	0.2364
R	Arg	CGG	60	0.2406

AminoAcid	Symbol
*	Ter
*	Ter
*	Ter
A	Ala
A	Ala
A	Ala
A	Ala
C	Cys
C	Cys
D	Asp
D	Asp
E	Glu
E	Glu
F	Phe
F	Phe
G	Gly
G	Gly
G	Gly
G	Gly
H	His
H	His
I	Ile
I	Ile
I	Ile
K	Lys
K	Lys
L	Leu
L	Leu
L	Leu
L	Leu
L	Leu
L	Leu
M	Met
M	Met
M	Met
M	Met
N	Asn
N	Asn
P	Pro
P	Pro
P	Pro
P	Pro
Q	Gln
Q	Gln
R	Arg
R	Arg
R	Arg
R	Arg
R	Arg
R	Arg

R	Arg	CGU	416	1.6662	S	Ser
S	Ser	AGC	112	0.3324	S	Ser
S	Ser	AGU	501	1.4874	S	Ser
S	Ser	UCA	621	1.8438	S	Ser
S	Ser	UCC	91	0.27	S	Ser
S	Ser	UCG	117	0.3474	S	Ser
S	Ser	UCU	579	1.719	T	Thr
T	Thr	ACA	743	1.7092	T	Thr
T	Thr	ACC	123	0.2828	T	Thr
T	Thr	ACG	152	0.3496	T	Thr
T	Thr	ACU	721	1.6584	V	Val
V	Val	GUA	581	1.3536	V	Val
V	Val	GUC	124	0.2888	V	Val
V	Val	GUG	114	0.2656	V	Val
V	Val	GUU	898	2.092	W	Trp
W	Trp	UGG	353	1	Y	Tyr
Y	Tyr	UAC	166	0.296	Y	Tyr
Y	Tyr	UAU	956	1.704		

67

Codon	No.	RSCU	AminoAcid	Symbol	Codon	No.
UAA	110	2.3742	*	Ter	UAA	110
UAG	23	0.4965	*	Ter	UAG	23
UGA	6	0.1296	*	Ter	UGA	6
GCA	610	1.3848	A	Ala	GCA	610
GCC	156	0.354	A	Ala	GCC	156
GCG	129	0.2928	A	Ala	GCG	129
GCU	867	1.9684	A	Ala	GCU	867
UGC	47	0.331	C	Cys	UGC	47
UGU	237	1.669	C	Cys	UGU	237
GAC	163	0.2546	D	Asp	GAC	163
GAU	1117	1.7454	D	Asp	GAU	1117
GAA	1539	1.6452	E	Glu	GAA	1539
GAG	332	0.3548	E	Glu	GAG	331
UUC	213	0.2588	F	Phe	UUC	213
UUU	1433	1.7412	F	Phe	UUU	1433
GGA	726	1.432	G	Gly	GGA	726
GGC	131	0.2584	G	Gly	GGC	131
GGG	263	0.5188	G	Gly	GGG	263
GGU	908	1.7908	G	Gly	GGU	908
CAC	70	0.275	H	His	CAC	70
CAU	439	1.725	H	His	CAU	439
AUA	974	0.9225	I	Ile	AUA	974
AUC	295	0.2793	I	Ile	AUC	295
AUU	1898	1.7979	I	Ile	AUU	1898
AAA	2194	1.716	K	Lys	AAA	2194
AAG	363	0.284	K	Lys	AAG	364
CUA	366	0.6456	L	Leu	CUA	366
CUC	58	0.1026	L	Leu	CUC	58
CUG	53	0.0936	L	Leu	CUG	53
CUU	480	0.8466	L	Leu	CUU	480
UUA	2145	3.7842	L	Leu	UUA	2145
UUG	299	0.5274	L	Leu	UUG	299
AUG	614	3.974	M	Met	AUG	614
AUU	1	0.0064	M	Met	AUU	1
GUG	2	0.0128	M	Met	GUG	2
UUG	1	0.0064	M	Met	UUG	1
AAC	236	0.259	N	Asn	AAC	236
AAU	1586	1.741	N	Asn	AAU	1586
CCA	475	1.6564	P	Pro	CCA	475
CCC	107	0.3732	P	Pro	CCC	107
CCG	75	0.2616	P	Pro	CCG	75
CCU	490	1.7088	P	Pro	CCU	490
CAA	982	1.732	Q	Gln	CAA	982
CAG	152	0.268	Q	Gln	CAG	152
AGA	567	2.271	R	Arg	AGA	567
AGG	98	0.3924	R	Arg	AGG	98
CGA	298	1.1934	R	Arg	CGA	298
CGC	59	0.2364	R	Arg	CGC	59
CGG	60	0.2406	R	Arg	CGG	60
CGU	416	1.6662	R	Arg	CGU	416

AGC	112	0.3324	S	Ser	AGC	112
AGU	501	1.4874	S	Ser	AGU	501
UCA	621	1.8438	S	Ser	UCA	621
UCC	91	0.27	S	Ser	UCC	91
UCG	117	0.3474	S	Ser	UCG	117
UCU	579	1.719	S	Ser	UCU	579
ACA	743	1.7092	T	Thr	ACA	743
ACC	123	0.2828	T	Thr	ACC	122
ACG	152	0.3496	T	Thr	ACG	152
ACU	721	1.6584	T	Thr	ACU	722
GUA	582	1.356	V	Val	GUA	581
GUC	124	0.2888	V	Val	GUC	124
GUG	114	0.2656	V	Val	GUG	114
GUU	897	2.0896	V	Val	GUU	898
UGG	353	1	W	Trp	UGG	353
UAC	166	0.296	Y	Tyr	UAC	166
UAU	956	1.704	Y	Tyr	UAU	956

RSCU
2.3742
0.4965
0.1296
1.3848
0.354
0.2928
1.9684
0.331
1.669
0.2546
1.7454
1.646
0.354
0.2588
1.7412
1.432
0.2584
0.5188
1.7908
0.275
1.725
0.9225
0.2793
1.7979
1.7154
0.2846
0.6456
0.1026
0.0936
0.8466
3.7842
0.5274
3.974
0.0064
0.0128
0.0064
0.259
1.741
1.6564
0.3732
0.2616
1.7088
1.732
0.268
2.271
0.3924
1.1934
0.2364
0.2406
1.6662

0.3324
1.4874
1.8438
0.27
0.3474
1.719
1.7092
0.2808
0.3496
1.6608
1.3536
0.2888
0.2656
2.092
1
0.296
1.704

AminoAcid	Symbol	Codon	No.	RSCU	AminoAcid	Symbol	Codon
*	Ter	UAA	110	2.3742	*	Ter	UAA
*	Ter	UAG	23	0.4965	*	Ter	UAG
*	Ter	UGA	6	0.1296	*	Ter	UGA
A	Ala	GCA	610	1.3848	A	Ala	GCA
A	Ala	GCC	156	0.354	A	Ala	GCC
A	Ala	GCG	129	0.2928	A	Ala	GCG
A	Ala	GCU	867	1.9684	A	Ala	GCU
C	Cys	UGC	47	0.331	C	Cys	UGC
C	Cys	UGU	237	1.669	C	Cys	UGU
D	Asp	GAC	163	0.2544	D	Asp	GAC
D	Asp	GAU	1118	1.7456	D	Asp	GAU
E	Glu	GAA	1539	1.646	E	Glu	GAA
E	Glu	GAG	331	0.354	E	Glu	GAG
F	Phe	UUC	213	0.2588	F	Phe	UUC
F	Phe	UUU	1433	1.7412	F	Phe	UUU
G	Gly	GGA	726	1.432	G	Gly	GGA
G	Gly	GGC	132	0.2604	G	Gly	GGC
G	Gly	GGG	263	0.5188	G	Gly	GGG
G	Gly	GGU	907	1.7888	G	Gly	GGU
H	His	CAC	70	0.275	H	His	CAC
H	His	CAU	439	1.725	H	His	CAU
I	Ile	AUA	974	0.9225	I	Ile	AUA
I	Ile	AUC	295	0.2793	I	Ile	AUC
I	Ile	AUU	1898	1.7979	I	Ile	AUU
K	Lys	AAA	2194	1.716	K	Lys	AAA
K	Lys	AAG	363	0.284	K	Lys	AAG
L	Leu	CUA	365	0.6438	L	Leu	CUA
L	Leu	CUC	59	0.1038	L	Leu	CUC
L	Leu	CUG	53	0.0936	L	Leu	CUG
L	Leu	CUU	480	0.8466	L	Leu	CUU
L	Leu	UUA	2145	3.7842	L	Leu	UUA
L	Leu	UUG	299	0.5274	L	Leu	UUG
M	Met	AUG	614	3.974	M	Met	AUG
M	Met	AUU	1	0.0064	M	Met	AUU
M	Met	GUG	2	0.0128	M	Met	GUG
M	Met	UUG	1	0.0064	M	Met	UUG
N	Asn	AAC	236	0.259	N	Asn	AAC
N	Asn	AAU	1586	1.741	N	Asn	AAU
P	Pro	CCA	475	1.6564	P	Pro	CCA
P	Pro	CCC	107	0.3732	P	Pro	CCC
P	Pro	CCG	75	0.2616	P	Pro	CCG
P	Pro	CCU	490	1.7088	P	Pro	CCU
Q	Gln	CAA	982	1.732	Q	Gln	CAA
Q	Gln	CAG	152	0.268	Q	Gln	CAG
R	Arg	AGA	567	2.271	R	Arg	AGA
R	Arg	AGG	98	0.3924	R	Arg	AGG
R	Arg	CGA	298	1.1934	R	Arg	CGA
R	Arg	CGC	59	0.2364	R	Arg	CGC
R	Arg	CGG	60	0.2406	R	Arg	CGG
R	Arg	CGU	416	1.6662	R	Arg	CGU

S	Ser	AGC	112	0.3324	S	Ser	AGC
S	Ser	AGU	501	1.4874	S	Ser	AGU
S	Ser	UCA	621	1.8438	S	Ser	UCA
S	Ser	UCC	91	0.27	S	Ser	UCC
S	Ser	UCG	117	0.3474	S	Ser	UCG
S	Ser	UCU	579	1.719	S	Ser	UCU
T	Thr	ACA	743	1.7092	T	Thr	ACA
T	Thr	ACC	123	0.2828	T	Thr	ACC
T	Thr	ACG	152	0.3496	T	Thr	ACG
T	Thr	ACU	721	1.6584	T	Thr	ACU
V	Val	GUA	581	1.3536	V	Val	GUA
V	Val	GUC	124	0.2888	V	Val	GUC
V	Val	GUG	114	0.2656	V	Val	GUG
V	Val	GUU	898	2.092	V	Val	GUU
W	Trp	UGG	353	1	W	Trp	UGG
Y	Tyr	UAC	166	0.296	Y	Tyr	UAC
Y	Tyr	UAU	956	1.704	Y	Tyr	UAU

No.	RSCU	AminoAcid	Symbol	Codon	No.	RSCU
110	2.3742	*	Ter	UAA	110	2.3742
23	0.4965	*	Ter	UAG	23	0.4965
6	0.1296	*	Ter	UGA	6	0.1296
610	1.3848	A	Ala	GCA	610	1.3848
156	0.354	A	Ala	GCC	156	0.354
129	0.2928	A	Ala	GCG	129	0.2928
867	1.9684	A	Ala	GCU	867	1.9684
47	0.331	C	Cys	UGC	47	0.331
237	1.669	C	Cys	UGU	237	1.669
163	0.2546	D	Asp	GAC	163	0.2544
1117	1.7454	D	Asp	GAU	1118	1.7456
1539	1.6452	E	Glu	GAA	1539	1.646
332	0.3548	E	Glu	GAG	331	0.354
213	0.2588	F	Phe	UUC	213	0.2588
1433	1.7412	F	Phe	UUU	1433	1.7412
726	1.432	G	Gly	GGA	726	1.432
131	0.2584	G	Gly	GGC	132	0.2604
263	0.5188	G	Gly	GGG	263	0.5188
908	1.7908	G	Gly	GGU	907	1.7888
69	0.2716	H	His	CAC	70	0.275
439	1.7284	H	His	CAU	439	1.725
974	0.9225	I	Ile	AUA	974	0.9225
295	0.2793	I	Ile	AUC	295	0.2793
1898	1.7979	I	Ile	AUU	1898	1.7979
2194	1.716	K	Lys	AAA	2194	1.716
363	0.284	K	Lys	AAG	363	0.284
366	0.6456	L	Leu	CUA	365	0.6438
58	0.1026	L	Leu	CUC	59	0.1038
53	0.0936	L	Leu	CUG	53	0.0936
480	0.8466	L	Leu	CUU	480	0.8466
2145	3.7842	L	Leu	UUA	2145	3.7842
299	0.5274	L	Leu	UUG	299	0.5274
614	3.974	M	Met	AUG	614	3.974
1	0.0064	M	Met	AUU	1	0.0064
2	0.0128	M	Met	GUG	2	0.0128
1	0.0064	M	Met	UUG	1	0.0064
236	0.259	N	Asn	AAC	236	0.259
1586	1.741	N	Asn	AAU	1586	1.741
475	1.6564	P	Pro	CCA	475	1.6564
107	0.3732	P	Pro	CCC	107	0.3732
75	0.2616	P	Pro	CCG	75	0.2616
490	1.7088	P	Pro	CCU	490	1.7088
982	1.732	Q	Gln	CAA	982	1.732
152	0.268	Q	Gln	CAG	152	0.268
567	2.271	R	Arg	AGA	567	2.271
98	0.3924	R	Arg	AGG	98	0.3924
298	1.1934	R	Arg	CGA	298	1.1934
59	0.2364	R	Arg	CGC	59	0.2364
60	0.2406	R	Arg	CGG	60	0.2406
416	1.6662	R	Arg	CGU	416	1.6662

112	0.3324	S	Ser	AGC	112	0.3324
501	1.4874	S	Ser	AGU	501	1.4874
621	1.8438	S	Ser	UCA	621	1.8438
91	0.27	S	Ser	UCC	91	0.27
117	0.3474	S	Ser	UCG	117	0.3474
579	1.719	S	Ser	UCU	579	1.719
743	1.7092	T	Thr	ACA	743	1.7092
123	0.2828	T	Thr	ACC	123	0.2828
152	0.3496	T	Thr	ACG	152	0.3496
721	1.6584	T	Thr	ACU	721	1.6584
581	1.3536	V	Val	GUA	581	1.3536
124	0.2888	V	Val	GUC	124	0.2888
114	0.2656	V	Val	GUG	114	0.2656
898	2.092	V	Val	GUU	898	2.092
353	1	W	Trp	UGG	353	1
165	0.2938	Y	Tyr	UAC	166	0.296
958	1.7062	Y	Tyr	UAU	956	1.704

Table S2. Number of different SSRs types in *fusiforme1* 、 *2* 、 *3*

Type	SSR repeat sequence	Number of Repeats	Percentage (%)
Mononucleotide	A	39	40.89
	C	1	
	G	1	
	T	51	
Dinucleotide	AT	8	5.33
	TA	4	
Trinucleotide	ATT	18	50.22
	AGA	3	
	AAG	2	
	ATA	7	
	ATC	1	
	ACA	3	
	ATG	2	
	AAC	2	
	ACT	1	
	AAT	13	
	ACC	1	
	CAG	1	
	CTA	1	
	CAT	3	
	CTT	2	
	CAA	3	
	GAC	1	
	GCT	1	
	GAA	2	
	TAA	11	
	TTA	21	
	TCT	1	
	TTG	1	
	TTC	1	
	TAT	11	
Tetranucleotide	AAAT	1	3.11
	AAGA	1	
	AATT	1	
	ATAA	1	
	ATTA	1	
	TTTA	2	
Hexanucleotide	TTTTTA	1	0.44

ATT
AGA
AAG
ATA
ATC
ACA
ATG
ACT
AAT
ACC
CAG
CTA
CAT
CTT
CAA
GAC
GCT
GAA
TAA
TTA
TCT
TTG
TTC
TAT

Table S1. Number of different SSRs types in *horneri*

Type	SSR repeat sequence	Number of Repeats	Percentage (%)
Mononucleotide	A	39	40
	T	53	
Dinucleotide	AT	7	4.78
	TA	4	
Trinucleotide	AAC	2	50.43
	AAG	1	
	AAT	12	
	ACA	2	
	ACC	1	
	AGA	1	
	AGT	2	
	ATG	1	
	ATA	7	
	ATT	17	
	ATC	1	
	CAG	1	
	CAT	2	
	CTG	4	
	CTT	3	
	GAA	1	
	GAC	1	
	GAG	1	
	GGT	1	
	GCT	1	
	CAA	3	
	TTA	18	
	TAA	12	
	TAT	13	
	TCT	2	
	TGA	1	
	TGC	1	
	TCA	1	
	TTC	2	
	TTG	1	
Tetranucleotide	AAAT	1	3.91
	AAGA	1	
	ATTA	2	
	AATA	1	
	ATAA	1	
	ATTT	1	
	TTTA	2	
Pentanucleotide	ATTTT	1	0.43
Hexanucleotide	CCAACT	1	0.43

Table S1. Number of different SSRs types in *thunbergii*

Type	SSR repeat sequence	Number of Repeats	Percentage (%)
Mononucleotide	A	37	40.27
	T	51	
	G	1	
Dinucleotide	AT	10	7.24
	TA	6	
Trinucleotide	AAC	2	49.77
	AAG	1	
	AAT	10	
	ACA	3	
	ACC	1	
	ACT	1	
	AGA	3	
	AGT	1	
	ATA	6	
	ATC	2	
	ATT	13	
	ATG	1	
	CAG	1	
	CAT	2	
	CTG	2	
	CTT	2	
	CAA	3	
	GAC	1	
	GAG	1	
	GCA	1	
	GCT	1	
	GGT	1	
	GAA	2	
	TAA	11	
	TAT	13	
	TCA	1	
	TCC	1	
	TCT	2	
	TTA	18	
	TTG	1	
	TTC	2	
Tetranucleotide	AATT	1	2.71
	ATTA	1	
	ATAA	1	
	TTTA	3	

Type	SSR repeat sequence	Number of Repeats of 4
Mononucleotide	A	39
	C	1
	G	1
	T	51
Dinucleotide	AT	8
	TA	4
Trinucleotide	ATT	16
	AGA	3
	AAG	1
	ATA	7
	ATC	1
	ATG	2
	ACA	3
	AAC	2
	ACT	1
	AAT	13
	ACC	1
	CAG	1
	CTA	1
	CAT	3
	CTT	2
	CTG	2
	CAA	3
	GAC	1
	GCT	1
	GAA	2
	TAA	11
	TTA	21
	TCT	1
	TTG	1
	TTC	2
	TAT	11
Tetranucleotide	AAAT	1
	AAGA	1
	AATT	1
	ATAA	1
	ATTA	1
	TTTA	2
Hexanucleotide	TTTTTA	1

Table S2. Number of different SSRs types in fusiforme 4、5、6

Number of Repeats of 5	Number of Repeats 6
39	39
1	1
1	1
51	51
8	8
4	4
16	16
3	3
1	1
7	7
1	1
2	2
3	3
2	2
1	1
13	13
1	1
1	1
1	1
3	3
2	2
2	2
3	3
1	1
1	1
2	2
11	11
21	21
1	1
1	1
2	2
11	11
1	1
1	1
1	1
1	1
1	1
2	2
1	1

Percentage (%)
40.89
5.33
50.22
3.11
0.44

Supplementary Data 3

IR. gene1. r	0
IR. gene2. r	0. 0045803
IR. gene5. r	0. 0020872
LSC. gene1.	0. 0270972
LSC. gene11	0. 018401
LSC. gene12	0. 0232233
LSC. gene13	0. 0116381
LSC. gene14	0. 0091557
LSC. gene15	0. 0220672
LSC. gene16	0. 0368629
LSC. gene17	0. 0174059
LSC. gene2.	0. 0152719
LSC. gene21	0. 0210175
LSC. gene22	0. 0112721
LSC. gene24	0. 0194668
LSC. gene25	0. 0114416
LSC. gene26	0. 0173924
LSC. gene27	0. 0119294
LSC. gene28	0. 0161325
LSC. gene29	0. 0187225
LSC. gene3.	0. 0190687
LSC. gene30	0. 0142512
LSC. gene32	0. 0169035
LSC. gene35	0. 0117686
LSC. gene37	0. 0240401
LSC. gene38	0. 0203767
LSC. gene39	0. 0173728
LSC. gene40	0. 0236317
LSC. gene41	0. 0164709
LSC. gene42	0. 0224241
LSC. gene43	0. 0196147
LSC. gene44	0. 0123974
LSC. gene45	0. 0143681
LSC. gene46	0. 0156937
LSC. gene47	0. 0230055
LSC. gene48	0. 0134534
LSC. gene49	0. 0155214
LSC. gene5.	0. 0200841
LSC. gene50	0. 019582
LSC. gene51	0. 0115942
LSC. gene52	0. 021088
LSC. gene53	0. 0242139
LSC. gene54	0. 0212052
LSC. gene57	0. 0161722
LSC. gene58	0. 0154244
LSC. gene6.	0. 0232844
LSC. gene60	0. 0162746
LSC. gene61	0. 018627
LSC. gene62	0. 018654
LSC. gene63	0. 0155098
LSC. gene64	0. 0076221

LSC.gene65 0.0084307
LSC.gene66 0.0167904
LSC.gene68 0.0178658
LSC.gene69 0.023128
LSC.gene7. 0.0120773
LSC.gene70 0.0197154
LSC.gene71 0.0133276
LSC.gene72 0.0237512
LSC.gene73 0.0109501
LSC.gene74 0.0258078
LSC.gene75 0.024231
LSC.gene76 0.0369331
LSC.gene77 0.0310078
LSC.gene78 0.0221067
LSC.gene79 0.0223939
LSC.gene8. 0.0109794
LSC.gene80 0.0203159
LSC.gene81 0.0204471
LSC.gene83 0.0215653
LSC.gene84 0.0077562
LSC.gene85 0.0237494
LSC.gene86 0.0175369
LSC.gene87 0.0019737
LSC.gene88 0.0194787
LSC.gene9. 0.0106411
LSC.gene90 0.0067065
LSC.gene91 0.0072464
LSC.gene92 0.0125108
LSC.gene93 0.0084541
LSC.gene94 0.0206293
LSC.gene95 0.0134516
LSC.gene96 0.0060387
LSC.gene97 0.0172601
SSC.gene1. 0.0166398
SSC.gene10 0.0264159
SSC.gene11 0.0150966
SSC.gene12 0.0189428
SSC.gene13 0.0212918
SSC.gene16 0.0201762
SSC.gene17 0.018028
SSC.gene18 0.0387915
SSC.gene2. 0.0119534
SSC.gene21 0.013252
SSC.gene22 0.0087835
SSC.gene24 0.0261984
SSC.gene25 0.0196598
SSC.gene27 0.0186092
SSC.gene28 0.0182735
SSC.gene29 0.0160183
SSC.gene3. 0.0265104
SSC.gene30 0.0166184

SSC.gene31 0.0178394
SSC.gene32 0.0086266
SSC.gene33 0.0133145
SSC.gene34 0.0121483
SSC.gene35 0.0170349
SSC.gene36 0.037037
SSC.gene37 0.0219423
SSC.gene38 0.0174384
SSC.gene39 0.0176313
SSC.gene40 0.014686
SSC.gene41 0.0084851
SSC.gene42 0.0241884
SSC.gene43 0.0215559
SSC.gene44 0.0220334
SSC.gene45 0.0184276
SSC.gene46 0.01765
SSC.gene47 0.0100432
SSC.gene48 0.0190995
SSC.gene49 0.0186623
SSC.gene50 0.0134387
SSC.gene51 0.0214558
SSC.gene52 0.0141658
SSC.gene53 0.0237178
SSC.gene54 0.0197311
SSC.gene55 0.0169082
SSC.gene56 0.0174481
SSC.gene57 0.0104167
SSC.gene58 0.020981
SSC.gene59 0.0163991
SSC.gene6. 0.0158334
SSC.gene60 0.0248626
SSC.gene61 0.0182558
SSC.gene62 0.0221051
SSC.gene63 0.0197541
SSC.gene64 0.0194591
SSC.gene65 0.0221556
SSC.gene66 0.0125786
SSC.gene7. 0.0230276
SSC.gene8. 0.0174066
SSC.gene9. 0.0148853

IR.gene1. 0
IR.gene2. 0.00458
IR.gene5. 0.002087
LSC.gene1 0.027097
LSC.gene1 0.018401
LSC.gene1 0.023223
LSC.gene1 0.011638
LSC.gene1 0.009156
LSC.gene1 0.022067
LSC.gene1 0.036863
LSC.gene1 0.017406
LSC.gene2 0.015272
LSC.gene2 0.021018
LSC.gene2 0.011272
LSC.gene2 0.019467
LSC.gene2 0.011442
LSC.gene2 0.017392
LSC.gene2 0.011929
LSC.gene2 0.016133
LSC.gene2 0.018723
LSC.gene3 0.019069
LSC.gene3 0.014251
LSC.gene3 0.016904
LSC.gene3 0.011769
LSC.gene3 0.02404
LSC.gene3 0.020377
LSC.gene3 0.017373
LSC.gene4 0.023632
LSC.gene4 0.016471
LSC.gene4 0.022424
LSC.gene4 0.019615
LSC.gene4 0.012397
LSC.gene4 0.014368
LSC.gene4 0.015694
LSC.gene4 0.023006
LSC.gene4 0.013453
LSC.gene4 0.015521
LSC.gene5 0.020084
LSC.gene5 0.019582
LSC.gene5 0.011594
LSC.gene5 0.021088
LSC.gene5 0.024214
LSC.gene5 0.021205
LSC.gene5 0.016172
LSC.gene5 0.015424
LSC.gene6 0.023284
LSC.gene6 0.016275
LSC.gene6 0.018627
LSC.gene6 0.018654
LSC.gene6 0.01551
LSC.gene6 0.007622

LSC.gene6 0.008431
LSC.gene6 0.01679
LSC.gene6 0.017866
LSC.gene6 0.023128
LSC.gene7 0.012077
LSC.gene7 0.019715
LSC.gene7 0.013328
LSC.gene7 0.023751
LSC.gene7 0.01095
LSC.gene7 0.025808
LSC.gene7 0.024231
LSC.gene7 0.036933
LSC.gene7 0.031008
LSC.gene7 0.022107
LSC.gene7 0.022394
LSC.gene8 0.010979
LSC.gene8 0.020316
LSC.gene8 0.020447
LSC.gene8 0.021565
LSC.gene8 0.007756
LSC.gene8 0.023749
LSC.gene8 0.017537
LSC.gene8 0.001974
LSC.gene8 0.019479
LSC.gene9 0.010641
LSC.gene9 0.006706
LSC.gene9 0.007246
LSC.gene9 0.012511
LSC.gene9 0.008454
LSC.gene9 0.020629
LSC.gene9 0.013452
LSC.gene9 0.006039
LSC.gene9 0.01726
SSC.gene1 0.01664
SSC.gene1 0.026416
SSC.gene1 0.015097
SSC.gene1 0.018943
SSC.gene1 0.021292
SSC.gene1 0.020176
SSC.gene1 0.018028
SSC.gene1 0.038792
SSC.gene2 0.011953
SSC.gene2 0.013252
SSC.gene2 0.008783
SSC.gene2 0.026198
SSC.gene2 0.01966
SSC.gene2 0.018609
SSC.gene2 0.018274
SSC.gene2 0.016018
SSC.gene3 0.02651
SSC.gene3 0.016618

SSC. gene3 0. 017839
SSC. gene3 0. 008627
SSC. gene3 0. 013315
SSC. gene3 0. 012148
SSC. gene3 0. 017035
SSC. gene3 0. 037037
SSC. gene3 0. 021942
SSC. gene3 0. 017438
SSC. gene3 0. 017631
SSC. gene4 0. 014686
SSC. gene4 0. 008485
SSC. gene4 0. 024188
SSC. gene4 0. 021556
SSC. gene4 0. 022033
SSC. gene4 0. 018428
SSC. gene4 0. 01765
SSC. gene4 0. 010043
SSC. gene4 0. 0191
SSC. gene4 0. 018662
SSC. gene5 0. 013439
SSC. gene5 0. 021456
SSC. gene5 0. 014166
SSC. gene5 0. 023718
SSC. gene5 0. 019731
SSC. gene5 0. 016908
SSC. gene5 0. 017448
SSC. gene5 0. 010417
SSC. gene5 0. 020981
SSC. gene5 0. 016399
SSC. gene6 0. 015833
SSC. gene6 0. 024863
SSC. gene6 0. 018256
SSC. gene6 0. 022105
SSC. gene6 0. 019754
SSC. gene6 0. 019459
SSC. gene6 0. 022156
SSC. gene6 0. 012579
SSC. gene7 0. 023028
SSC. gene8 0. 017407
SSC. gene9 0. 014885