

Table S5 Targets for conserved miRNAs from *C. sinensis* treated with cold (+C) and without cold (-C)

miRNA family	Targe ID	Alignment	Alignment	Cleavage	-C Library		+C Library		Annotation
		Score	Range	Site	Category	Reads	Category	Reads	
csn-miR156	gi212380427	4	557-573	564	2	3			Acyl-CoA N-acyltransferases (NAT) superfamily protein
	gi212380702	4	187-202	194	2	4			unknown protein
	gi222372708	4	384-401	392	4	1			unknown protein
	gi393393029	4	609-624	616		4	1		unknown protein
	gi393741040	2	803-819	810	2	2			unknown protein
	gi393741737	4	333-349	340	2	11	4	1	unknown protein
	gi393744893	4	332-348	339	2	11	4	1	unknown protein
	gi393747022	3	370-387	378		4	1		Protein kinase superfamily protein
	gi393748378	4	507-524	515	4	1			unknown protein
	gi393749243	4	532-548	539	2	3			Acyl-CoA N-acyltransferases (NAT) superfamily protein
	gi393750016	4	844-859	851		4	1		unknown protein
	gi393738656	4	62-81	72	2	3			Cytochrome b-c1 complex, subunit 8 protein
	gi393740979	4	45-64	55	2	3			Cytochrome b-c1 complex, subunit 8 protein
	gi393742300	4	23-42	33	2	3			Cytochrome b-c1 complex, subunit 8 protein
	gi393745341	4	13-32	23	2	3			Cytochrome b-c1 complex, subunit 8 protein
csn-miR160	gi170319674	4	322-337	328		4	1		Ribosomal protein L18e/L15 superfamily protein
	gi170319675	4	322-337	328		4	1		Ribosomal protein L18e/L15 superfamily protein
	gi170319676	4	293-308	299		4	1		Ribosomal protein L18e/L15 superfamily protein
	gi171355249	4	246-261	252	4	1			unknown protein
	gi212379345	4	172-186	177	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
	gi212379364	4	172-186	177	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
	gi222372683	3.5	59-74	65	3	5	3	6	Protein kinase superfamily protein

gi259016492	4	89-104	95	4	1	2	2	unknown protein
gi283580549	3.5	302-317	308	4	1	4	1	Copper amine oxidase family protein
gi284026223	4	413-428	419		4	1		unknown protein
gi327360761	3	163-178	169	2	8	3	2	transposable element gene
gi347360201	4	194-208	199	4	1	4	1	unknown protein
gi347360269	4	658-672	663	4	1	4	1	Integrase-type DNA-binding superfamily protein
gi347360325	4	658-672	663	4	1	4	1	Integrase-type DNA-binding superfamily protein
gi366883012	4	135-149	140	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
gi366888436	4	157-171	162	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
gi366889807	3.5	190-205	196	4	1	4	1	Copper amine oxidase family protein
gi366889868	3.5	190-205	196	4	1	4	1	Copper amine oxidase family protein
gi366889919	4	136-150	141	4	1			VQ motif-containing protein
gi366896530	3.5	441-456	447	4	1	4	1	Copper amine oxidase family protein
gi366896551	3.5	190-205	196	4	1			Copper amine oxidase family protein
gi366896712	3.5	441-456	447		4	1		Copper amine oxidase family protein
gi366896749	3.5	88-103	94		4	1		Copper amine oxidase family protein
gi366896785	3.5	441-456	447		4	1		Copper amine oxidase family protein
gi366896968	3.5	441-456	447	4	1	4	1	Copper amine oxidase family protein
gi366897084	3.5	190-205	196	4	1			Copper amine oxidase family protein
gi366897466	3.5	230-245	236	4	1	4	1	Copper amine oxidase family protein
gi383479182	4	100-115	106		4	1		unknown protein
gi393388375	4	79-94	85	4	1	2	2	unknown protein
gi393388906	4	87-102	93	2	2			unknown protein
gi393389011	3	197-212	203	4	1			unknown protein
gi393390346	4	191-206	197	4	1	4	1	unknown protein
gi393392131	4	132-146	137	4	1			other RNA

gi393392896	4	393-408	399		2	2		Cysteine proteinases superfamily protein
gi393393263	4	360-375	366		2	2		Cysteine proteinases superfamily protein
gi393740767	4	411-426	417		4	1		unknown protein
gi393741649	4	67-81	72	4	1			unknown protein
gi393742154	4	166-181	172	4	1			unknown protein
gi393742160	4	352-367	358	2	12	2	3	unknown protein
gi393742988	4	175-189	180	2	2			alpha/beta-Hydrolases superfamily protein
gi393743382	4	406-421	412	4	1			unknown protein
gi393743433	4	391-406	397	2	12	2	3	unknown protein
gi393743777	4	152-168	159	4	1			secE/sec61-gamma protein transport protein
gi393743810	4	169-183	174	4	1			alpha/beta-Hydrolases superfamily protein
gi393743974	4	188-203	194	4	1	4	1	unknown protein
gi393744249	4	117-132	123		4	1		unknown protein
gi393744356	4	123-137	128	2	2			unknown protein
gi393744764	4	292-307	298		4	1		Ribosomal protein L18e/L15 superfamily protein
gi393745575	4	167-181	172	4	1			unknown protein;
gi393746155	4	128-143	134		4	1		unknown protein
gi393746234	3	643-659	650	4	1			unknown protein
gi393746235	4	408-423	414		4	1		unknown protein
gi393746386	4	398-413	404		4	1		unknown protein
gi393746610	4	150-164	155	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
gi393746961	4	157-171	162	4	1			RNA-binding (RRM/RBD/RNP motifs) family protein
gi393747711	4	288-304	294	2	5	3	2	transposable element gene
gi393748413	4	344-359	350		3	2		Cysteine proteinases superfamily protein
gi393748570	3.5	128-143	134	4	1			Copper amine oxidase family protein
gi393748864	4	94-109	100	4	1			unknown protein

gi393748894	4	397-412	403		4	1		unknown protein
gi393749487	4	344-359	350		3	2		Cysteine proteinases superfamily protein
gi393749631	4	383-398	389	2	12	2	3	Microsomal signal peptidase 12 kDa subunit (SPC12)
gi393750300	4	394-409	400		4	1		unknown protein
gi393750316	3.5	645-660	651	4	1	4	1	Copper amine oxidase family protein
gi393750458	4	296-311	302		4	1		Ribosomal protein L18e/L15 superfamily protein
gi393750477	4	295-310	301		4	1		Ribosomal protein L18e/L15 superfamily protein
gi393750760	4	583-598	589		4	1		unknown protein
gi393750813	4	150-165	156	4	1			unknown protein
gi393751340	4	222-237	228		4	1		unknown protein
gi393751801	4	401-416	407		4	1		unknown protein
gi393751826	4	158-172	163	4	1			alpha/beta-Hydrolases superfamily protein
gi393751982	4	151-165	156	2	2			RNA-binding (RRM/RBD/RNP motifs) family protein
gi393752010	4	97-112	103	4	1	4	1	unknown protein
gi393752416	4	398-413	404		4	1		unknown protein
gi393752459	3	644-660	651	4	1			unknown protein
gi393752659	4	43-58	49	4	1	4	1	unknown protein
gi393752677	4	179-194	185		2	3		unknown protein
gi393752992	4	391-406	397		4	1		unknown protein
gi393754403	4	200-214	205	4	1	4	1	unknown protein
gi393754523	4	397-412	403		4	1		unknown protein
gi393754558	4	410-425	416		4	1		unknown protein
gi51452941	4	147-161	152	3	2			RNA-binding (RRM/RBD/RNP motifs) family protein
gi51453910	4	9-24	15		4	1		unknown protein
gi51454085	4	70-85	76	4	1			unknown protein
gi55281910	4	414-429	420		4	1		unknown protein

csn-miR164	gi393747400	4	206-226	217	4	1	4	1	Late embryogenesis abundant protein (LEA) family protein
	gi51452831	4	151-171	162	4	1	4	1	Late embryogenesis abundant protein (LEA) family protein
csn-miR167	gi212379810	3	577-596	587	4	1			unknown protein
	gi393741034	3	561-580	571	4	1			unknown protein
	gi393741579	3	564-583	574	4	1			unknown protein
csn-miR171	gi393748929	4	24-45	35	0	26	0	17	unknown protein
	gi170319630	3	601-615	606		2	2		unknown protein
	gi171355277	4	51-65	56	4	1	4	1	unknown protein
	gi212378117	4	180-195	185	2	5	2	7	unknown protein
	gi212378239	4	305-320	310	4	1	4	1	unknown protein
	gi212379608	3.5	386-399	391	4	1			unknown protein
	gi212380260	4	148-163	153	2	8	2	11	unknown protein
	gi366892790	4	158-172	163	4	1	4	1	unknown protein
	gi393388960	4	265-280	270	4	1			unknown protein
	gi393389180	4	444-459	449	2	8	2	11	unknown protein
	gi393738945	3	642-656	647		2	2		unknown protein
	gi393739105	4	769-784	775	4	1	2	2	unknown protein
	gi393739739	4	601-616	606	2	8	2	11	unknown protein
	gi393740498	4	47-61	52		4	1		unknown protein
	gi393740523	4	100-114	105	4	1			unknown protein
	gi393740541	4	630-645	635	2	3	2	4	unknown protein
	gi393740835	4	103-117	108	4	1			unknown protein
	gi393740881	4	105-119	110	4	1			unknown protein
	gi393741019	4	106-120	111	4	1			unknown protein
	gi393741112	4	102-116	107	4	1			unknown protein
	gi393741349	4	640-655	645	2	3	2	4	unknown protein

gi393741488	4	83-97	88	4	1			unknown protein
gi393741523	4	618-633	623		4	1		unknown protein
gi393741639	4	49-63	54		4	1		unknown protein
gi393741933	4	478-493	483	2	2	4	1	Translation initiation factor IF2/IF5
gi393744267	4	100-114	105		4	1		unknown protein
gi393744696	4	631-646	636	2	3			unknown protein
gi393744708	4	630-645	635		2	2		unknown protein
gi393744796	4	41-55	46	4	1			unknown protein
gi393744830	4	364-379	369	2	3	2	4	unknown protein
gi393744926	4	102-116	107	4	1			unknown protein
gi393745964	4	427-442	432		4	1		Ras-related small GTP-binding family protein
gi393746120	4	102-116	107	4	1			unknown protein
gi393746146	4	611-626	616	2	3	2	4	unknown protein
gi393746189	4	103-117	108		4	1		unknown protein
gi393746263	4	71-85	76	4	1			unknown protein
gi393747498	4	485-500	490	4	1			Peroxidase superfamily protein
gi393748616	4	49-63	54		4	1		unknown protein
gi393748743	4	148-162	153	2	2	4	1	unknown protein
gi393749138	3	578-592	583		2	2		unknown protein
gi393750071	3	686-700	691		4	1		unknown protein
gi393751104	4	306-320	311	4	1			unknown protein
gi393751380	4	87-101	92	4	1			unknown protein
gi393751528	4	93-107	98	4	1			unknown protein
gi393751691	4	102-116	107	4	1			unknown protein
gi393751780	4	307-321	312	4	1			unknown protein
gi393751860	2.5	618-632	623	4	1			SEC7-like guanine nucleotide exchange family protein

gi393751934	3	582-596	587	4	1	2	3	unknown protein
gi393752065	4	100-114	105		4	1		unknown protein
gi393752214	4	165-179	170		4	1		unknown protein
gi393752441	4	103-117	108		4	1		unknown protein
gi393752884	4	636-651	641	2	3	2	4	unknown protein
gi393753024	4	763-778	769	4	1	2	2	unknown protein
gi393753517	4	87-101	92	4	1			unknown protein
gi393753853	4	160-174	165	4	1	4	1	unknown protein
gi393754087	4	70-84	75	4	1			unknown protein
gi393754199	4	307-321	312	4	1			unknown protein
gi393754278	4	101-115	106		4	1		unknown protein
gi393754376	4	102-116	107	4	1			unknown protein
gi393754527	4	106-120	111		4	1		unknown protein
gi393756490	4	168-183	173		4	1		unknown protein
gi393757018	4	57-71	62	4	1			unknown protein
gi51453335	4	178-193	183	2	8	2	11	unknown protein
gi51530180	4	407-421	412	3	3			Chaperone DnaJ-domain superfamily protein
gi220966071	4	119-136	127	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
gi220966090	4	119-136	127	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
gi222457654	4	119-136	127	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
gi282162067	4	61-78	69	2	4			RNA-binding (RRM/RBD/RNP motifs) family protein
gi283049871	4	61-78	69	2	4			RNA-binding (RRM/RBD/RNP motifs) family protein
gi366882798	3	449-467	458	4	1			unknown protein
gi366883134	3	449-467	458	4	1			unknown protein
gi366883854	3	449-467	458	4	1			unknown protein
gi366889326	3	197-215	206	4	1			unknown protein

csn-miR172	gi366894328	4	97-114	105	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
	gi366895757	4	97-114	105	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
	gi366895773	4	97-114	105	4	1	4	1	Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein
	gi393739664	3	302-320	311	4	1			unknown protein
	gi393740039	3	524-542	533	4	1			unknown protein
	gi167046990	4	24-46	37	4	1	2	2	Ubiquitin supergroup;Ribosomal protein L40e
	gi170319957	4	376-399	390		2	2		RING/U-box superfamily protein
	gi183186665	3.5	247-269	260	3	3	4	1	Dormancy/auxin associated family protein
	gi212377709	3.5	30-52	43	4	1			Cytochrome bd ubiquinol oxidase, 14kDa subunit
	gi212377797	3.5	445-467	458	3	2	4	1	Dormancy/auxin associated family protein
	gi212378080	2.5	57-79	70	4	1			Cytochrome bd ubiquinol oxidase, 14kDa subunit
	gi212378138	3.5	433-455	446	4	1			Dormancy/auxin associated family protein
	gi212378218	3.5	440-462	453	3	2	4	1	Dormancy/auxin associated family protein
	gi212378786	4	50-72	63		4	1		transposable element gene
	gi212378841	3.5	269-291	282	3	3	4	1	Dormancy/auxin associated family protein
	gi212379916	4	312-334	325	2	28	2	29	alpha/beta-Hydrolases superfamily protein
	gi212380147	3.5	430-452	443	4	1			Dormancy/auxin associated family protein
	gi212380629	3.5	446-468	459	3	2	4	1	Dormancy/auxin associated family protein
	gi212380931	3.5	440-462	453	4	1			Dormancy/auxin associated family protein
	gi215399041	4	545-568	558	4	1	4	1	RING/U-box superfamily protein
	gi221071112	3	178-200	191		4	1		proline-rich family protein
	gi343702829	3.5	100-122	113	4	1			AT hook motif DNA-binding family protein
	gi366887458	4	65-87	78	3	2			Ribosomal protein L31e family protein
	gi366889014	2.5	154-176	167	4	1			unknown protein
	gi366889102	4	22-44	35	4	1	2	2	Ubiquitin supergroup;Ribosomal protein L40e
	gi366889444	4	35-57	48		4	1		Sec14p-like phosphatidylinositol transfer family protein

gi366889587	3	368-390	381		4	1		proline-rich family protein
gi366889967	4	88-111	101	2	2			transposable element gene
gi366892849	3.5	416-438	429	4	1			Dormancy/auxin associated family protein
gi366895173	3.5	114-136	127	4	1			unknown protein
gi393390124	2.5	51-73	64	4	1			Cytochrome bd ubiquinol oxidase, 14kDa subunit
gi393390358	2.5	34-56	47	4	1			other RNA
gi393391865	3	32-54	45	2	2	4	1	alpha/beta-Hydrolases superfamily protein
gi393392131	3	16-38	29	2	2	4	1	other RNA
gi393392283	4	58-81	71	2	2	4	1	RING/U-box superfamily protein
gi393738626	3.5	469-491	482	4	1			Dormancy/auxin associated family protein
gi393738780	3.5	407-429	420	3	2	4	1	Dormancy/auxin associated family protein
gi393742988	3	59-81	72	2	2	4	1	alpha/beta-Hydrolases superfamily protein
gi393742991	3	27-49	40	4	1			unknown protein
gi393743810	3	53-75	66	2	2	4	1	alpha/beta-Hydrolases superfamily protein
gi393744727	2	44-66	57	2	2	2	2	Uncharacterised protein family SERF
gi393745575	3	51-73	64	2	2	4	1	unknown protein
gi393745863	4	313-336	326	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393745960	4	565-588	578	3	3			Leucine-rich repeat (LRR) family protein
gi393746082	4	558-581	571	3	3			Leucine-rich repeat (LRR) family protein
gi393746140	4	502-525	515	4	1			Leucine-rich repeat (LRR) family protein
gi393746198	4	321-344	334	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393746372	4	558-581	571	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393747849	2.5	15-37	28	4	1			Cytochrome bd ubiquinol oxidase, 14kDa subunit
gi393748228	4	451-474	464	3	3			Leucine-rich repeat (LRR) family protein
gi393748300	4	560-583	573	3	2			Leucine-rich repeat (LRR) family protein
gi393748386	2.5	7-29	20	4	1			Cytochrome bd ubiquinol oxidase, 14kDa subunit

gi393748463	2.5	560-582	573	4	1			unknown protein
gi393748504	4	530-553	543	4	1			Leucine-rich repeat (LRR) family protein
gi393748593	4	561-584	574	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393748639	4	559-582	572	4	1			Leucine-rich repeat (LRR) family protein
gi393749113	4	117-140	130	2	3	4	1	Leucine-rich repeat (LRR) family protein
gi393749154	4	555-578	568	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393749197	4	208-231	221	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393749344	4	555-578	568	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393749383	4	557-580	570	3	4	4	1	Leucine-rich repeat (LRR) family protein
gi393749523	4	558-581	571	3	3	4	1	Leucine-rich repeat (LRR) family protein
gi393749747	4	557-580	570	4	1			Leucine-rich repeat (LRR) family protein
gi393749751	4	305-328	318	4	1			Leucine-rich repeat (LRR) family protein
gi393750006	4	105-128	118	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393750252	4	562-585	575	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393750797	2	42-64	55	2	2	2	2	Uncharacterised protein family SERF
gi393750860	4	137-160	150	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393750913	4	558-581	571	4	1	4	1	Leucine-rich repeat (LRR) family protein
gi393751179	4	560-583	573	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393751826	3	42-64	55	2	2	4	1	alpha/beta-Hydrolases superfamily protein
gi393752228	4	557-580	570	3	3			Leucine-rich repeat (LRR) family protein
gi393752332	4	336-359	349	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393752718	4	570-593	583	3	2	4	1	Leucine-rich repeat (LRR) family protein
gi393753194	4	558-581	571	4	1			Leucine-rich repeat (LRR) family protein
gi393753261	4	562-585	575	3	3	4	1	Leucine-rich repeat (LRR) family protein
gi393753606	4	500-522	513		2	2		Tetratricopeptide repeat (TPR)-like superfamily protein
gi393754011	4	555-578	568	3	3	4	1	Leucine-rich repeat (LRR) family protein

csn-miR319	gi393754187	4	452-475	465	3	3	4	1	Leucine-rich repeat (LRR) family protein
	gi393754631	4	13-35	26	4	1	2	2	Ubiquitin supergroup;Ribosomal protein L40e
	gi393757162	3.5	394-416	407	3	2	4	1	Dormancy/auxin associated family protein
	gi51453048	4	103-126	116	3	3	4	1	RING/U-box superfamily protein
	gi51454080	4	23-45	36	4	1	2	2	Ubiquitin supergroup;Ribosomal protein L40e
	gi221758807	4	93-113	104		2	2		unknown protein
	gi170319482	4	119-133	124	4	1			unknown protein
	gi170319483	4	119-133	124	4	1			unknown protein
	gi170319517	4	190-203	195	4	1			Histone superfamily protein
	gi170319622	4	167-181	172	4	1	2	3	unknown protein
	gi170319718	4	176-190	181	2	2			unknown protein
	gi170319719	4	176-190	181	2	2			unknown protein
	gi170319720	4	32-46	37	2	2			unknown protein
	gi170319865	4	158-172	163	4	1	2	2	unknown protein
	gi170319866	4	157-171	162	4	1	2	2	unknown protein
	gi170319867	4	154-168	159	4	1	2	3	unknown protein
	gi170319868	4	154-168	159	4	1	4	1	unknown protein
	gi170319869	4	154-168	159		2	2		unknown protein
	gi170319870	4	154-168	159	4	1	4	1	unknown protein
	gi170319872	4	28-42	33		2	3		unknown protein
	gi171355231	4	140-154	145	4	1			unknown protein
	gi206583671	4	120-134	125	4	1	4	1	unknown protein
	gi212377956	4	190-203	195	4	1			Histone superfamily protein
	gi212378294	4	176-190	181	2	2			unknown protein
	gi212378772	4	70-84	75		4	1		unknown protein
	gi212379345	4	539-553	544	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein

gi212379364	4	539-553	544	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein
gi212379569	3.5	223-237	228	3	2	4	1	unknown protein
gi212380194	4	119-133	124	4	1			unknown protein
gi212380235	4	154-168	159	4	1	4	1	unknown protein
gi212380670	4	176-190	181	2	2			unknown protein
gi220966150	3	247-261	252	4	1			O-fucosyltransferase family protein
gi220966158	3	247-261	252	4	1			O-fucosyltransferase family protein
gi220966325	3	247-261	252	4	1			unknown protein
gi221070896	4	249-263	254	2	2			Protein kinase superfamily protein
gi221071597	4	265-279	270		2	3		unknown protein
gi221758596	3.5	63-77	68	4	1			unknown protein
gi221758896	4	97-111	102		2	2		unknown protein
gi222457788	3	333-347	338	4	1			O-fucosyltransferase family protein
gi222457803	3	331-345	336	4	1			Protein kinase superfamily protein
gi224708655	4	134-148	139		4	1		unknown protein
gi283049723	4	328-342	333	3	4	3	4	transposable element gene
gi295345419	4	299-313	304		3	2		transposable element gene
gi295345438	2.5	105-119	110		4	1		Protein prenyltransferase superfamily protein
gi313605332	4	200-214	205		2	3		unknown protein
gi327361093	4	335-349	340	2	4	2	3	transposable element gene
gi340628976	4	139-153	144	2	2			unknown protein
gi366883103	4	139-153	144		0	2		unknown protein
gi366887357	4	202-216	207		2	3		unknown protein
gi366888131	4	45-58	50	4	1			NmrA-like negative transcriptional regulator family protein
gi366889455	4	202-216	207		4	1		unknown protein
gi366892566	4	202-216	207		4	1		unknown protein

gi366893559	4	202-216	207		2	2		unknown protein
gi366893651	4	274-288	279	4	1	4	1	transposable element gene
gi366894358	3	216-230	221	4	1			unknown protein
gi366895310	4	303-317	308	2	2			unknown protein
gi366895384	3	225-239	230	4	1			unknown protein
gi366895413	3	225-239	230	4	1			unknown protein
gi366896149	3	225-239	230	4	1			unknown protein
gi366896160	3	225-239	230	4	1			unknown protein
gi390125031	4	119-134	125		4	1		unknown protein
gi390125056	4	171-186	177		4	1		unknown protein
gi393389193	4	137-151	142	4	1	2	2	unknown protein
gi393389392	4	262-277	268		4	1		unknown protein
gi393390074	4	185-199	190	4	1	4	1	unknown protein
gi393390706	4	146-160	151		4	1		Saposin-like aspartyl protease family protein
gi393391973	4	137-151	142	4	1	4	1	unknown protein
gi393391984	4	137-151	142		0	3		unknown protein
gi393392125	4	262-277	268		4	1		unknown protein
gi393739066	4	190-204	195		2	3		unknown protein
gi393740312	4	281-295	286	4	1	4	1	unknown protein
gi393740443	4	169-184	175		4	1		unknown protein
gi393740640	4	260-275	266		4	1		unknown protein
gi393740799	4	265-280	271		4	1		unknown protein
gi393740904	4	263-278	269		4	1		unknown protein
gi393740956	4	64-78	69		2	2		Cytochrome B6, pseudogene
gi393740957	4	151-165	156	4	1			unknown protein
gi393741154	4	182-196	187	2	2	4	1	unknown protein

gi393741371	4	265-280	271		4	1		unknown protein
gi393741384	4	58-72	63		2	2		Cytochrome B6, pseudogene
gi393741565	4	63-77	68		2	2		Cytochrome B6, pseudogene
gi393741649	4	434-448	439		2	3		unknown protein
gi393742138	4	413-427	418	4	1			Ribosomal protein L18e/L15 superfamily protein
gi393742745	4	175-188	180	4	1			Histone superfamily protein
gi393742878	4	446-460	451	2	9	2	2	unknown protein
gi393743089	4	122-136	127	4	1	2	3	unknown protein
gi393744286	4	266-281	272		4	1		unknown protein
gi393744306	4	263-278	269		4	1		metalloendopeptidases;zinc ion binding
gi393744356	4	490-504	495	4	1			unknown protein
gi393744474	4	250-265	256		4	1		unknown protein
gi393744794	4	120-135	126		4	1		unknown protein
gi393744908	4	264-279	270		4	1		unknown protein
gi393744934	4	263-278	269		4	1		unknown protein
gi393745188	4	446-460	451	2	12	2	2	unknown protein
gi393745218	4	446-460	451	2	12	2	2	unknown protein
gi393746222	4	327-341	332		4	1		unknown protein
gi393746610	4	517-531	522	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein
gi393746893	4	171-185	176	4	1			unknown protein
gi393746961	4	524-538	529	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein
gi393747175	4	155-168	160	4	1			Histone superfamily protein
gi393747955	4	160-174	165	2	4	4	1	unknown protein
gi393748463	3.5	244-258	249	2	4			unknown protein
gi393748633	4	66-80	71		2	2		Cytochrome B6, pseudogene, similar to Cytochrome B6
gi393748881	3.5	470-484	475	2	3			zinc finger (C2H2 type) family protein

gi393749528	4	233-248	239		4	1		unknown protein
gi393749925	3	341-355	346		4	1		Transmembrane amino acid transporter family protein
gi393750125	4	151-165	156	2	2			unknown protein
gi393750187	4	128-142	133	4	1	4	1	unknown protein
gi393750762	4	257-272	263		4	1		unknown protein
gi393751060	4	97-111	102	4	1			unknown protein
gi393751217	4	171-184	176	4	1			Histone superfamily protein
gi393751500	4	154-169	160		4	1		unknown protein
gi393751826	4	525-539	530		2	3		alpha/beta-Hydrolases superfamily protein
gi393751982	4	518-532	523	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein
gi393752334	4	145-159	150	4	1	2	3	transposable element gene
gi393752687	4	146-160	151	4	1	2	3	unknown protein
gi393753182	3.5	388-402	393	2	3			unknown protein
gi393754106	4	53-66	58	4	1			NmrA-like negative transcriptional regulator family protein
gi393755901	4	63-76	68	4	1			NmrA-like negative transcriptional regulator family protein
gi393756182	4	86-101	92		4	1		unknown protein
gi393756205	4	243-258	249		4	1		unknown protein
gi393756254	4	439-453	444	2	9	2	2	unknown protein
gi393757025	3.5	809-823	814	2	4	2	3	unknown protein
gi51452848	4	254-268	259	4	1			unknown protein
gi51452849	4	135-149	140		0	3		unknown protein
gi51452941	4	514-528	519	4	1	4	1	RNA-binding (RRM/RBD/RNP motifs) family protein
gi51453491	4	139-153	144		2	2		unknown protein
gi51453761	4	159-173	164	2	2			unknown protein
gi51453870	4	569-583	574	3	3	3	4	transposable element gene
gi51530166	4	538-551	542	4	1			Protein prenilyltransferase superfamily protein

	gi51454104	3.5	20-39	30	0	8	0	7	unknown protein
	gi51454104	2.5	21-39	30	0	8	0	7	unknown protein
csn-miR390	gi366887611	4	26-45	36	1	2			unknown protein
csn-miR393	gi366889364	2	382-402	393	0	139	0	53	unknown protein
	gi366889365	2	382-402	393	0	139	0	53	unknown protein
	gi366889396	2	382-402	393	0	139	0	53	unknown protein
csn-miR395	gi343702799	3	100-114	105	2	2			unknown protein
	gi366893760	4	2-15	7		4	1		transposable element gene
	gi393392094	3.5	71-84	76	4	1			unknown protein
	gi393740799	4	52-66	57	4	1	2	2	unknown protein
	gi393741730	4	54-68	59	4	1	2	2	unknown protein
	gi393741883	4	319-332	324	2	2			rRNA
	gi393744700	3	75-89	80	2	2			unknown protein
	gi393745753	4	86-100	91	4	1			unknown protein
	gi393746028	3.5	81-95	86		4	1		unknown protein
	gi212378452	3.5	655-674	665		2	2		ATPase, F0/V0 complex, subunit C protein
	gi393739681	3.5	496-515	506		2	2		ATPase, F0/V0 complex, subunit C protein
csn-miR396	gi259016488	4	92-111	103	3	2	4	1	unknown protein
	gi366892248	4	21-40	32	3	2	4	1	unknown protein
	gi393741998	4	236-255	247	3	2	4	1	Plant calmodulin-binding protein-related
	gi393748313	4	229-248	240	3	2	4	1	unknown protein
	gi393752237	4	231-250	242	3	2	4	1	unknown protein
	gi393753170	4	220-239	231	3	2	4	1	unknown protein
	gi393756422	4	220-239	231	3	2	4	1	transposable element gene
	gi51453520	4	234-253	245	3	2	4	1	unknown protein
	gi212381014	4	485-505	496	2	5	2	4	unknown protein

gi393390016	4	238-258	249	2	5	2	4	unknown protein
gi170319934	4	282-296	287	2	2			Ribosomal protein L32e
gi171355257	4	115-128	120	4	1			unknown protein
gi212377668	4	582-596	587		4	1		unknown protein
gi212377722	4	581-595	586		4	1		unknown protein
gi212378214	4	582-596	587		4	1		unknown protein
gi212378592	4	547-561	552	4	1			pseudogene, hypothetical protein
gi212379353	4	582-596	587		4	1		unknown protein
gi212379476	4	547-561	552	4	1			pseudogene, hypothetical protein
gi212380839	4	583-597	588		4	1		unknown protein
gi212380938	4	582-596	587		4	1		unknown protein
gi212381047	4	582-596	587		4	1		unknown protein
gi220966035	3	33-47	38	2	2	2	5	unknown protein
gi220966336	3	33-47	38	2	2	2	5	unknown protein
gi220966392	3	33-47	38	2	2	2	5	unknown protein
gi221071321	4	112-126	117	4	1			Protein kinase superfamily protein
gi222457813	3	116-130	121	2	2	2	5	unknown protein
gi283049686	3	9-23	14	2	2	2	5	unknown protein
gi284026217	3.5	163-177	168		4	1		Unknown gene
gi295345443	3.5	193-207	198		4	1		Protein prenyltransferase superfamily protein
gi313605023	4	56-70	61	4	1			Protein kinase superfamily protein
gi343702789	4	125-139	130	4	1			unknown protein
gi343702828	2	55-69	60		4	1		unknown protein
gi366886192	4	231-245	236		4	1		unknown protein
gi366887690	4	231-245	236		4	1		unknown protein
gi366887701	4	231-245	236		4	1		unknown protein

gi366888481	3.5	141-155	146		4	1		unknown protein
gi366888652	3.5	272-286	277		4	1		unknown protein
gi366888654	3.5	140-154	145		4	1		unknown protein
gi366888841	3.5	271-285	276		4	1		unknown protein
gi366895395	3	11-25	16	2	2	2	5	unknown protein
gi366895529	3	11-25	16	2	2	2	5	unknown protein
gi366895727	3	11-25	16	2	2	2	5	unknown protein
gi366896170	3	11-25	16	2	2	2	5	unknown protein
gi393389198	3	256-270	261	4	1			unknown protein
gi393390983	3.5	158-172	163	2	2	2	4	unknown protein
gi393392488	4	208-222	213	4	1			unknown protein
gi393393739	4	202-217	207	4	1			unknown protein
gi393738856	4	396-410	401		4	1		AAA-type ATPase family protein
gi393740518	3	276-290	281	2	2	2	5	unknown protein
gi393741151	4	243-257	248		4	1		unknown protein
gi393741904	3.5	804-818	809	2	5			O-methyltransferase family protein
gi393744303	4	539-553	544		4	1		unknown protein
gi393747355	4	105-118	110	4	1			transposable element gene
gi393748545	3.5	659-673	664		4	1		unknown protein
gi393749183	3.5	824-838	829		4	1		unknown protein
gi393749433	3.5	542-556	547		4	1		unknown protein
gi393749564	4	514-528	519		4	1		unknown protein
gi393749877	4	114-129	119	4	1			unknown protein
gi393750864	4	557-571	562		4	1		unknown protein
gi393751111	4	192-205	197	4	1	4	1	Ras-related small GTP-binding family protein
gi393751629	2	21-35	26		4	1		transposable element gene

	gi212381014	4	486-505	496	2	5	2	4	unknown protein
	gi393390016	4	239-258	249	2	5	2	4	unknown protein
	gi212381014	3	486-505	496	2	5	2	4	unknown protein
	gi393390016	3	239-258	249	2	5	2	4	unknown protein
	gi393746173	4	182-203	193	2	7	4	1	unknown protein
	gi393746583	4	418-437	428	2	5	0	4	unknown protein
	gi212381014	4	484-504	495		4	1		unknown protein
	gi393390016	4	237-257	248		4	1		unknown protein
csn-miR398	gi393389492	4	88-110	101	2	3			Rubredoxin-like superfamily protein
	gi393748835	4	87-109	100	2	3			Rubredoxin-like superfamily protein
	gi393389492	4	89-110	101	2	3			Rubredoxin-like superfamily protein
	gi393748835	4	88-109	100	2	3			Rubredoxin-like superfamily protein
csn-miR408	gi206583693	2.5	115-136	127	0	84	2	4	transposable element gene
	gi212377727	3.5	540-561	552	4	1			unknown protein
	gi212378124	3.5	638-659	650	4	1			unknown protein
	gi224708643	2.5	115-136	127	0	91	2	4	unknown protein
	gi224708735	3	115-136	127	0	87	2	4	unknown protein
	gi393740307	3.5	401-422	413	4	1			unknown protein
	gi393744371	3.5	631-652	643	4	1			unknown protein
	gi393749899	2.5	111-132	123	0	87	2	5	VQ motif-containing protein
	gi393750043	2.5	119-140	131	0	82	2	3	AGC kinase family protein
	gi393751157	2	113-134	125	0	83	0	4	unknown protein
	gi393751598	2.5	112-133	124	0	95	2	4	VQ motif-containing protein
	gi393751677	2.5	109-130	121	0	82	2	2	AGC kinase family protein
	gi393751996	2.5	111-132	123	0	108	0	5	unknown protein
	gi393752580	2.5	113-134	125	0	90	2	4	AGC kinase family protein

gi393752762	2.5	111-132	123	0	89	2	4	AGC kinase family protein
gi393752798	2.5	120-141	132	0	82	2	3	VQ motif-containing protein
gi393752927	2.5	110-131	122	0	90	2	4	AGC kinase family protein
gi393753536	3.5	270-291	282	4	1			unknown protein
gi393757166	3.5	133-154	145	4	1			unknown protein
gi224708755	3.5	208-225	216	3	2	2	6	unknown protein
gi366891697	4	106-122	113	1	2			unknown protein
gi366893443	3	338-354	345		4	1		unknown protein
gi366896582	3.5	199-216	207	3	2	2	6	unknown protein
gi393389199	4	313-329	320	2	3			Ribosomal L29 family protein
gi393740035	4	211-227	218	4	1	4	1	Ribosomal protein L6 family protein
gi393742479	4	16-33	24	3	2			unknown protein
gi393743422	4	136-152	143		4	1		WW-domain-binding protein
gi393743692	4	163-179	170		4	1		WW-domain-binding protein
gi393743990	4	291-307	298	4	1	4	1	Ribosomal protein L6 family protein
gi393745957	3.5	182-199	190	3	2	2	6	unknown protein
gi393747102	4	230-246	237		4	1		unknown protein
gi393747473	4	44-61	52	3	2			unknown protein
gi393749725	4	272-288	279	4	1	4	1	Ribosomal protein L6 family protein
gi393753685	4	279-295	286	4	1	4	1	Ribosomal protein L6 family protein
gi393754335	3.5	201-218	209	3	2	2	6	unknown protein
gi51453359	3.5	214-231	222	3	2	2	6	unknown protein
gi51453947	3.5	237-254	245	3	2	2	6	unknown protein
gi55281989	4	166-182	173	4	1	4	1	Ribosomal protein L6 family protein