

Table S10. Heat map of statistically significant biochemicals profiled in skeletal muscle. Shaded cells indicate $p \leq 0.05$ ( <b>red</b> indicates that the mean values are significantly higher for that comparison; <b>green</b> values significantly lower). <b>Blue-bolded</b> text indicates $0.05 < p < 0.10$ .			Fold of Change		
			Welch's Two Sample t-Tests		
PATHWAY SORT	BIOCHEMICAL NAME	SUPER PATHWAY	<u>MR</u> CF	<u>MR + CYS</u> CF	<u>MR</u> MR + CYS
1	glycine	Amino acid	0.84	0.85	0.98
2	sarcosine (N-Methylglycine)	Amino acid	0.93	0.77	1.22
4	N-acetyl glycine	Amino acid	1.03	0.77	1.33
7	serine	Amino acid	4.21	1.16	3.62
16	threonine	Amino acid	2.62	0.86	3.04
21	betaine	Amino acid	0.66	0.94	0.71
23	alanine	Amino acid	1.12	1.11	1.01
24	beta-alanine	Amino acid	1.16	0.75	1.55
29	aspartate	Amino acid	1.22	1.12	1.09
31	N-acetyl aspartate (NAA)	Amino acid	1.50	1.59	0.95
38	glutamate	Amino acid	1.27	1.24	1.02
42	glutamine	Amino acid	1.51	1.25	1.20
46	N-acetyl-aspartyl-glutamate (NAAG)	Amino acid	1.14	1.10	1.03
48	histidine	Amino acid	3.44	0.47	7.31
51	3-methylhistidine	Amino acid	0.51	1.20	0.42
53	histamine	Amino acid	1.12	0.97	1.15
66	lysine	Amino acid	1.54	1.07	1.44
69	pipecolate	Amino acid	0.89	1.18	0.75
78	phenylalanine	Amino acid	0.76	1.01	0.76
90	tyrosine	Amino acid	0.52	1.01	0.52
91	3-(4-hydroxyphenyl)lactate	Amino acid	0.40	1.36	0.29
124	kynurenate	Amino acid	0.72	0.43	1.66
125	kynurenine	Amino acid	0.58	0.46	1.25
126	tryptophan	Amino acid	0.71	1.00	0.70
141	C-glycosyltryptophan*	Amino acid	0.82	1.17	0.70
149	3-methyl-2-oxobutyrate	Amino acid	1.09	0.67	1.62
150	3-methyl-2-oxovalerate	Amino acid	0.92	0.66	1.39
157	isoleucine	Amino acid	0.96	0.95	1.01
158	leucine	Amino acid	0.89	1.00	0.89
167	valine	Amino acid	1.00	0.96	1.03
170	4-methyl-2-oxopentanoate	Amino acid	1.06	0.79	1.34
177	isobutyrylcarnitine	Amino acid	0.64	0.84	0.76
179	2-methylbutyrylcarnitine	Amino acid	0.48	0.88	0.55
181	isovalerylcarnitine	Amino acid	0.55	0.84	0.66
182	hydroxyisovaleroyl carnitine	Amino acid	1.45	0.96	1.52
188	cysteine	Amino acid	0.80	1.15	0.69
195	hypotaurine	Amino acid	0.24	2.14	0.11
196	taurine	Amino acid	0.42	1.34	0.32
198	S-adenosylhomocysteine (SAH)	Amino acid	1.18	1.00	1.19
199	methionine	Amino acid	0.49	0.76	0.64
201	N-acetylmethionine	Amino acid	0.75	1.05	0.71
213	arginine	Amino acid	1.79	1.22	1.47
216	ornithine	Amino acid	4.98	1.03	4.84
217	urea	Amino acid	1.28	1.07	1.20
218	proline	Amino acid	0.91	0.98	0.93
220	citrulline	Amino acid	1.28	1.14	1.13
224	trans-4-hydroxyproline	Amino acid	0.48	1.21	0.40
232	creatine	Amino acid	1.03	0.96	1.07

233	creatinine	Amino acid	1.06	1.01	1.05
235	2-aminobutyrate	Amino acid	1.40	0.88	1.58
238	5-methylthioadenosine (MTA)	Amino acid	1.03	0.99	1.04
242	spermidine	Amino acid	0.99	0.85	1.17
251	glutathione, reduced (GSH)	Amino acid	0.39	0.64	0.61
253	5-oxoproline	Amino acid	1.51	1.08	1.40
254	glutathione, oxidized (GSSG)	Amino acid	0.59	1.15	0.52
255	cysteine-glutathione disulfide	Amino acid	0.59	1.25	0.47
256	ophthalmate	Amino acid	4.38	0.75	5.85
261	glycylvaline	Peptide	0.87	0.83	1.05
265	glycylisoleucine	Peptide	0.77	0.88	0.88
266	glycylleucine	Peptide	0.81	1.06	0.77
274	alanylvaline	Peptide	0.68	0.86	0.80
278	alanylleucine	Peptide	0.80	0.97	0.83
283	alanylisoleucine	Peptide	0.61	0.79	0.77
283.5	alanylphenylalanine	Peptide	0.77	0.93	0.83
285	alanyltirosine	Peptide	0.69	0.87	0.78
286	aspartylphenylalanine	Peptide	0.67	0.93	0.72
287	alpha-glutamylglutamate	Peptide	1.05	1.15	0.92
289	prolylleucine	Peptide	0.73	0.99	0.73
292	isoleucylleucine	Peptide	0.95	0.89	1.06
295	leucylleucine	Peptide	0.69	0.91	0.76
299	threonylphenylalanine	Peptide	0.82	1.01	0.81
316	carnosine	Peptide	1.18	0.87	1.36
318	anserine	Peptide	1.01	0.96	1.06
374	N-acetylneuraminate	Carbohydrate	0.69	1.22	0.56
389	fructose	Carbohydrate	2.01	1.19	1.69
390	galactitol (dulcitol)	Carbohydrate	0.54	0.76	0.71
395.5	6'-sialyllactose	Carbohydrate	0.83	0.97	0.86
397	maltose	Carbohydrate	1.77	0.91	1.95
398	mannitol	Carbohydrate	0.56	1.15	0.48
404	mannose-6-phosphate	Carbohydrate	4.28	1.03	4.14
410	sorbitol	Carbohydrate	1.03	1.23	0.83
417	maltotriose	Carbohydrate	2.61	1.05	2.50
423	maltotetraose	Carbohydrate	3.12	0.82	3.79
430	1,5-anhydroglucitol (1,5-AG)	Carbohydrate	2.18	0.99	2.21
432	glycerate	Carbohydrate	1.36	0.75	1.83
434	glucose-6-phosphate (G6P)	Carbohydrate	4.10	1.01	4.08
435	glucose 1-phosphate	Carbohydrate	3.67	1.17	3.14
436	glucose	Carbohydrate	1.14	0.98	1.17
439	fructose-6-phosphate	Carbohydrate	3.85	0.98	3.91
442	Isobar: fructose 1,6-diphosphate, glucose 1,6-diphosphate	Carbohydrate	2.84	0.83	3.43
443	2-phosphoglycerate	Carbohydrate	0.93	0.47	2.00
444	3-phosphoglycerate	Carbohydrate	1.20	0.54	2.21
449	phosphoenolpyruvate (PEP)	Carbohydrate	1.16	0.71	1.64
450	pyruvate	Carbohydrate	1.11	0.56	1.97
451	lactate	Carbohydrate	0.96	0.98	0.97
468	ribose	Carbohydrate	0.77	1.19	0.65
471	ribose 5-phosphate	Carbohydrate	1.06	1.00	1.06
473	ribulose	Carbohydrate	1.21	1.94	0.63
475	Isobar: ribulose 5-phosphate, xylulose 5-phosphate	Carbohydrate	0.71	1.27	0.56
491	citrate	Energy	0.53	1.06	0.50
502	succinylcarnitine	Energy	1.40	1.60	0.88
504	fumarate	Energy	1.05	1.92	0.54
507	malate	Energy	1.44	1.60	0.90

511	phosphate	Energy	1.08	1.14	0.94
512.5	linoleate (18:2n6)	Lipid	0.83	1.16	0.72
516	linolenate [alpha or gamma; (18:3n3 or 6)]	Lipid	0.75	1.19	0.63
517	dihomo-linolenate (20:3n3 or n6)	Lipid	1.02	1.80	0.56
519	docosapentaenoate (n3 DPA; 22:5n3)	Lipid	1.37	2.61	0.52
520	docosapentaenoate (n6 DPA; 22:5n6)	Lipid	1.12	0.57	1.96
521	docosahexaenoate (DHA; 22:6n3)	Lipid	1.78	1.50	1.18
525	caproate (6:0)	Lipid	1.42	1.00	1.42
526	heptanoate (7:0)	Lipid	0.92	1.01	0.91
527	caprylate (8:0)	Lipid	0.92	1.10	0.84
528	pelargonate (9:0)	Lipid	1.04	1.09	0.96
529	caprate (10:0)	Lipid	1.17	1.21	0.97
530	undecanoate (11:0)	Lipid	1.33	1.07	1.25
532	laurate (12:0)	Lipid	1.06	1.02	1.04
535	myristate (14:0)	Lipid	0.99	1.18	0.83
536	myristoleate (14:1n5)	Lipid	1.25	1.25	1.00
537	pentadecanoate (15:0)	Lipid	0.77	0.91	0.84
538	palmitate (16:0)	Lipid	0.93	1.08	0.86
539	palmitoleate (16:1n7)	Lipid	0.91	1.31	0.70
541	margarate (17:0)	Lipid	0.68	1.02	0.66
542	10-heptadecenoate (17:1n7)	Lipid	0.88	1.10	0.80
543	stearate (18:0)	Lipid	1.06	1.14	0.93
545	oleate (18:1n9)	Lipid	0.76	0.98	0.77
547	cis-vaccenate (18:1n7)	Lipid	0.45	0.77	0.58
553	nonadecanoate (19:0)	Lipid	1.01	1.01	0.99
554	10-nonadecenoate (19:1n9)	Lipid	0.65	0.96	0.68
559	eicosenoate (20:1n9 or 11)	Lipid	0.76	1.39	0.55
561	dihomo-linoleate (20:2n6)	Lipid	0.73	1.46	0.50
565	arachidonate (20:4n6)	Lipid	0.71	1.13	0.63
571	adrenate (22:4n6)	Lipid	0.72	1.20	0.60
591	4-hydroxybutyrate (GHB)	Lipid	0.48	1.38	0.35
608	13-HODE + 9-HODE	Lipid	0.64	1.65	0.39
610	2-hydroxyglutarate	Lipid	1.39	0.91	1.52
632.65	methyl palmitate (15 or 2)	Lipid	0.78	0.89	0.88
683	propionylcarnitine	Lipid	0.76	1.16	0.65
685	butyrylcarnitine	Lipid	1.02	1.54	0.67
690.5	malonylcarnitine	Lipid	1.06	1.39	0.76
691	deoxycarnitine	Lipid	1.00	0.75	1.34
692	carnitine	Lipid	1.06	1.10	0.96
693	3-dehydrocarnitine*	Lipid	1.64	0.66	2.49
694	acetylcarnitine	Lipid	0.84	1.13	0.75
696	hexanoylcarnitine	Lipid	1.33	1.87	0.71
709	cholate	Lipid	0.68	0.73	0.93
746	ethanolamine	Lipid	1.17	1.12	1.05
747	phosphoethanolamine	Lipid	1.03	1.16	0.89
751	choline	Lipid	0.76	0.96	0.79
752	glycerol 3-phosphate (G3P)	Lipid	0.90	0.35	2.54
753	glycerophosphorylcholine (GPC)	Lipid	0.85	1.14	0.75
760	myo-inositol	Lipid	1.31	1.41	0.92
763	inositol 1-phosphate (I1P)	Lipid	1.25	1.53	0.82
769	3-hydroxybutyrate (BHBA)	Lipid	3.22	1.70	1.89
775	1-palmitoylglycerophosphoethanolamine	Lipid	1.38	1.47	0.94
776	2-palmitoylglycerophosphoethanolamine*	Lipid	1.00	1.70	0.59
780	1-stearoylglycerophosphoethanolamine	Lipid	1.19	1.98	0.60
781	1-oleoylglycerophosphoethanolamine	Lipid	1.06	2.18	0.49

782	2-oleoylglycerophosphoethanolamine*	Lipid	1.38	1.73	0.80
783	1-linoleoylglycerophosphoethanolamine*	Lipid	1.48	1.68	0.88
784	2-linoleoylglycerophosphoethanolamine*	Lipid	1.64	2.12	0.77
785	1-arachidonoylglycerophosphoethanolamine*	Lipid	0.95	1.19	0.79
786	2-arachidonoylglycerophosphoethanolamine*	Lipid	1.15	1.99	0.58
787	2-docosapentaenoylglycerophosphoethanolamine*	Lipid	1.53	2.50	0.61
788	2-docosahexaenoylglycerophosphoethanolamine*	Lipid	1.55	2.03	0.76
794	1-palmitoylglycerophosphocholine	Lipid	0.92	1.34	0.68
795	2-palmitoylglycerophosphocholine*	Lipid	0.91	1.05	0.86
799	1-stearoylglycerophosphocholine	Lipid	0.49	0.88	0.56
801	1-oleoylglycerophosphocholine	Lipid	0.89	1.38	0.65
802	2-oleoylglycerophosphocholine*	Lipid	1.45	1.79	0.81
803	1-linoleoylglycerophosphocholine	Lipid	1.58	3.34	0.47
804	2-linoleoylglycerophosphocholine*	Lipid	1.97	2.86	0.69
810	2-arachidonoylglycerophosphocholine*	Lipid	0.98	1.51	0.65
814	2-docosahexaenoylglycerophosphocholine*	Lipid	1.21	1.34	0.90
818	1-stearoylglycerophosphoinositol	Lipid	1.38	1.48	0.93
821	1-arachidonoylglycerophosphoinositol*	Lipid	0.99	1.30	0.76
825.5	1-palmitoylplasmenylethanolamine*	Lipid	1.20	2.01	0.60
831	1-palmitoylglycerol (1-monopalmitin)	Lipid	1.03	1.47	0.70
833	1-stearoylglycerol (1-monostearin)	Lipid	1.16	1.38	0.84
835	1-oleoylglycerol (1-monoolein)	Lipid	0.75	0.85	0.88
855	sphingosine	Lipid	0.95	1.41	0.67
864	palmitoyl sphingomyelin	Lipid	0.88	1.04	0.84
865	stearoyl sphingomyelin	Lipid	1.12	1.21	0.92
880	squalene	Lipid	1.50	1.73	0.87
881	cholesterol	Lipid	1.16	1.17	0.99
884	7-alpha-hydroxycholesterol	Lipid	0.98	0.47	2.08
885	7-beta-hydroxycholesterol	Lipid	1.08	0.90	1.19
916	beta-sitosterol	Lipid	1.06	1.80	0.59
918	campesterol	Lipid	0.97	1.85	0.52
947	xanthine	Nucleotide	0.75	0.90	0.83
950	hypoxanthine	Nucleotide	0.64	1.24	0.51
951	inosine	Nucleotide	0.94	1.19	0.78
953	inosine 5'-monophosphate (IMP)	Nucleotide	1.04	0.99	1.05
955	adenine	Nucleotide	1.17	1.08	1.08
958	N1-methyladenosine	Nucleotide	0.86	1.10	0.79
964	adenosine 5'-monophosphate (AMP)	Nucleotide	1.63	1.16	1.41
977	guanosine	Nucleotide	1.22	1.33	0.92
979	guanosine 5'- monophosphate (5'-GMP)	Nucleotide	0.92	1.21	0.76
994	urate	Nucleotide	0.46	0.88	0.52
995	allantoin	Nucleotide	1.22	1.31	0.93
997	cytidine	Nucleotide	0.81	1.30	0.62
1001	cytidine 5'-monophosphate (5'-CMP)	Nucleotide	0.90	0.89	1.01
1006	2'-deoxycytidine	Nucleotide	0.65	1.14	0.57
1022	uracil	Nucleotide	0.91	1.23	0.74
1023	5,6-dihydrouracil	Nucleotide	1.14	1.15	0.99
1024	uridine	Nucleotide	0.78	1.14	0.68
1030.2	uridine monophosphate (5' or 3')	Nucleotide	1.01	0.91	1.11
1036	methylphosphate	Nucleotide	0.98	1.04	0.94
1041	dehydroascorbate	Cofactors and vitamins	0.72	0.82	0.88
1063	nicotinamide	Cofactors and vitamins	1.20	1.04	1.15
1066	nicotinamide adenine dinucleotide (NAD+)	Cofactors and vitamins	0.34	0.45	0.75
1074	adenosine 5'diphosphoribose	Cofactors and vitamins	2.07	0.51	4.06
1085	pantothenate	Cofactors and vitamins	1.08	1.51	0.72

1086	phosphopantetheine	Cofactors and vitamins	0.73	1.32	0.55
1088	3'-dephosphocoenzyme A	Cofactors and vitamins	0.84	1.03	0.82
1098	flavin adenine dinucleotide (FAD)	Cofactors and vitamins	1.17	1.56	0.75
1135	benzoate	Xenobiotics	1.12	1.06	1.06
1151	glycolate (hydroxyacetate)	Xenobiotics	2.06	1.34	1.53
1157	glycerol 2-phosphate	Xenobiotics	1.33	0.93	1.43
	X - 02973	N/A	1.06	0.82	1.29
	X - 03002	N/A	1.87	1.49	1.25
	X - 03094	N/A	1.07	1.20	0.90
	X - 03998	N/A	1.18	1.31	0.90
	X - 04077	N/A	1.22	1.73	0.70
	X - 04599	N/A	1.22	1.05	1.16
	X - 04633	N/A	3.28	0.89	3.68
	X - 05228	N/A	1.40	1.36	1.03
	X - 05420	N/A	1.13	0.88	1.28
	X - 05428	N/A	0.94	1.13	0.83
	X - 05978	N/A	1.17	0.76	1.54
	X - 06869	N/A	0.30	3.10	0.10
	X - 07890	N/A	0.95	1.49	0.64
	X - 08166	N/A	1.39	0.99	1.40
	X - 08169	N/A	0.69	1.83	0.38
	X - 08172	N/A	2.18	1.03	2.12
	X - 08895	N/A	0.55	1.35	0.41
	X - 08994	N/A	0.39	1.22	0.32
	X - 09069	N/A	1.21	0.74	1.64
	X - 10457	N/A	1.52	1.21	1.26
	X - 10500	N/A	1.11	1.44	0.77
	X - 10677	N/A	0.59	0.90	0.66
	X - 10734	N/A	1.72	0.98	1.76
	X - 10739	N/A	1.26	0.78	1.61
	X - 10830	N/A	1.62	0.91	1.78
	X - 10835	N/A	1.14	0.95	1.20
	X - 10875	N/A	0.96	0.90	1.06
	X - 10876	N/A	1.15	1.31	0.88
	X - 10889	N/A	1.26	1.06	1.18
	X - 11327	N/A	1.29	1.33	0.97
	X - 11412	N/A	0.78	0.89	0.87
	X - 11509	N/A	1.06	0.98	1.08
	X - 11533	N/A	1.11	1.11	1.00
	X - 11542	N/A	1.10	0.95	1.16
	X - 11580	N/A	0.47	0.88	0.53
	X - 11583	N/A	0.46	0.61	0.76
	X - 11596	N/A	0.64	1.05	0.61
	X - 11615	N/A	0.65	1.11	0.58
	X - 11618	N/A	0.96	1.56	0.61
	X - 11619	N/A	0.96	1.02	0.93
	X - 11624	N/A	0.77	1.19	0.65
	X - 11629	N/A	0.79	0.80	0.99
	X - 11630	N/A	0.71	0.83	0.85
	X - 11631	N/A	0.72	0.66	1.10
	X - 11639	N/A	1.07	0.71	1.50
	X - 11641	N/A	1.15	1.06	1.08
	X - 11861	N/A	1.21	1.13	1.07
	X - 11875	N/A	1.00	1.11	0.91
	X - 11886	N/A	1.31	1.43	0.91

	X - 12051	N/A	1.30	1.74	0.74
	X - 12244	N/A	1.17	0.84	1.40
	X - 12421	N/A	0.87	1.91	0.45
	X - 12422	N/A	1.04	2.29	0.45
	X - 12465	N/A	4.96	2.77	1.79
	X - 12645	N/A	1.53	1.31	1.17
	X - 12660	N/A	1.33	2.13	0.62
	X - 12665	N/A	1.31	1.02	1.29
	X - 12790	N/A	0.59	1.07	0.55
	X - 12801	N/A	0.85	1.14	0.74
	X - 12855	N/A	1.57	2.13	0.74
	X - 12860	N/A	1.42	1.64	0.86
	X - 12985	N/A	0.81	0.88	0.92
	X - 12986	N/A	0.64	0.67	0.96
	X - 12991	N/A	0.73	1.04	0.70
	X - 13005	N/A	1.18	0.96	1.23
	X - 13007	N/A	0.87	1.35	0.64
	X - 13215	N/A	1.04	1.33	0.78
	X - 13230	N/A	0.98	0.79	1.25
	X - 13462	N/A	0.99	0.86	1.16
	X - 13496	N/A	0.97	1.52	0.63
	X - 13505	N/A	9.75	0.69	14.05
	X - 13538	N/A	0.60	0.96	0.62
	X - 13543	N/A	0.97	3.70	0.26
	X - 13557	N/A	1.25	0.90	1.38
	X - 13560	N/A	1.05	1.12	0.94
	X - 13743	N/A	0.82	0.82	0.99
	X - 13821	N/A	0.88	1.09	0.81
	X - 13872	N/A	0.96	1.10	0.88
	X - 13929	N/A	0.83	1.01	0.82
	X - 14125	N/A	0.68	0.89	0.77
	X - 14126	N/A	0.32	1.00	0.32
	X - 14134	N/A	0.62	0.89	0.69
	X - 14145	N/A	0.70	0.86	0.82
	X - 14164	N/A	0.75	0.89	0.84
	X - 14176	N/A	0.66	0.92	0.72
	X - 14181	N/A	0.79	0.97	0.82
	X - 14186	N/A	0.64	1.10	0.58
	X - 14189	N/A	0.68	0.88	0.77
	X - 14192	N/A	0.71	0.96	0.74
	X - 14193	N/A	0.56	0.85	0.66
	X - 14204	N/A	0.65	1.00	0.64
	X - 14205	N/A	0.78	0.88	0.89
	X - 14208	N/A	0.61	0.86	0.72
	X - 14231	N/A	0.66	0.89	0.74
	X - 14234	N/A	0.68	0.85	0.80
	X - 14236	N/A	1.26	1.17	1.08
	X - 14241	N/A	0.67	1.10	0.61
	X - 14256	N/A	0.75	0.82	0.91
	X - 14258	N/A	0.75	1.09	0.69
	X - 14262	N/A	0.54	0.92	0.58
	X - 14271	N/A	0.77	0.96	0.80
	X - 14272	N/A	0.81	1.05	0.77
	X - 14278	N/A	0.73	1.03	0.71
	X - 14284	N/A	0.73	0.97	0.75

	X - 14299	N/A	0.63	0.80	0.78
	X - 14372	N/A	0.84	1.01	0.83
	X - 14379	N/A	0.61	0.99	0.62
	X - 14418	N/A	0.44	0.92	0.48
	X - 14474	N/A	0.85	0.95	0.89
	X - 14567	N/A	1.13	1.42	0.80
	X - 14699	N/A	0.55	1.06	0.51
	X - 14904	N/A	0.86	1.25	0.69
	X - 15149	N/A	0.53	0.97	0.54
	X - 15158	N/A	0.59	1.03	0.58
	X - 15222	N/A	1.00	1.24	0.81
	X - 15300	N/A	0.50	0.81	0.62
	X - 15301	N/A	0.92	1.15	0.80
	X - 15555	N/A	0.82	1.03	0.79
	X - 15558	N/A	0.89	0.79	1.13
	X - 15559	N/A	0.92	0.84	1.10
	X - 15562	N/A	0.93	0.56	1.67
	X - 15563	N/A	0.84	0.80	1.05
	X - 15598	N/A	0.48	1.27	0.38
	X - 15607	N/A	0.29	0.93	0.31
	X - 15624	N/A	1.00	1.03	0.97
	X - 15808	N/A	1.44	0.69	2.08
	X - 15933	N/A	1.22	0.94	1.30
	X - 15937	N/A	0.85	0.75	1.14
	X - 15939	N/A	1.04	0.93	1.12
	X - 16209	N/A	1.02	1.04	0.98
	X - 16299	N/A	0.95	1.06	0.90
	X - 16340	N/A	0.70	0.93	0.76
	X - 16439	N/A	0.90	0.56	1.60
	X - 16468	N/A	0.84	1.07	0.79
	X - 16578	N/A	0.92	1.08	0.85
	X - 16603	N/A	1.40	0.68	2.06
	X - 16604	N/A	0.57	1.19	0.48
	X - 16607	N/A	0.39	1.21	0.32
	X - 16610	N/A	1.87	0.92	2.04
	X - 16613	N/A	1.56	1.09	1.43
	X - 16617	N/A	0.93	0.79	1.18
	X - 17010	N/A	1.65	0.96	1.72
	X - 17163	N/A	1.10	1.12	0.99