	Blade						Sheath						Root					
	Alexis	Beecher	Commander	Fleet	Maritime	Sloop	Alexis	Beecher	Commander	Fleet	Maritime	Sloop	Alexis	Beecher	Commander	Fleet	Maritime	Sloop
HORVU7Hr1G085680 | ABC transporter ATP−binding protein NatA	2.08	0.12	−0.01	0.72	0.64	−0.51	0.85	−0.06	0.52	0.48	1.23	−1.47	4.1	4.1	4.19	3.83	3.68	3.79
HORVU5Hr1G022260 | ABC transporter B family member 4	1.34	−5.82	−5.55	−5.81	−5.56	−4.12	2.71	−5.39	−5.36	−5.72	−4.24	−5.49	2.93	−3.25	−2.27	−2.44	−2.97	−3.68
HORVU5Hr1G125010 | ABC transporter G family member 3	1.29	−0.19	−0.13	−0.15	−0.47	0.25	1.01	0.48	0.96	0.67	0.59	1.14	1.71	2.07	1.95	1.86	2.12	1.92
HORVU3Hr1G013630 | Folate−biopterin transporter	1.76	−1.04	−0.36	0.14	0.31	0.38	1.46	0.59	−0.48	1.02	1.91	0.69	0.62	1.09	−0.04	0.45	1.07	0.73
HORVU7Hr1G038300 | Transmembrane amino acid transporter family protein	3.69	1.95	1.68	2.2	2.37	2.12	3.43	2.16	1.86	2.22	3.02	2.19	2.37	3.12	2.82	2.83	2.99	2.84
HORVU5Hr1G114000 | nodulin MtN21 /EamA−like transporter family protein	1.31	−5.18	1.84	1.72	1.41	0.55	1.71	−6.22	2.03	2.18	2.46	1.05						
HORVU0Hr1G006740 | phosphate transporter 2	1.89	0.41	2.12	2.37	1.94	1.98	3.06	1.86	3.19	3.25	3.41	2.99	3.66	2.42	3.19	3.9	3.76	3.54
HORVU2Hr1G036590 | sugar transporter 9	2.6	−0.04	1.73	1.44	1.72	1.36							6.61	6.47	6	6.35	6.44	6.39
HORVU4Hr1G067450 | sugar transporter protein 7	1.75	0.18	2.14	1.74	3.04	1.7	1.58	1.72	1.37	0.9	2.29	1.54	3.29	3.11	2.93	3.32	3.4	3.49
HORVU7Hr1G003880 | Vacuolar iron transporter (VIT) family protein	0.1	−5.82	0.65	−0.37	0.54	−0.28	4.46	−4.98	3.52	2.33	2.48	2.05	3.59	−3.6	3.8	2.93	3.7	3.79
HORVU6Hr1G084900 | EamA−like transporter family protein	0.61	4.09	1.68	0.48	1.55	0.86	3.12	7.67	4.02	3.32	3.79	4.22	3.48	6.94	3.25	2.75	3.09	3.28
HORVU5Hr1G053550 | Transmembrane amino acid transporter family protein	−1.71	0.33	−1.87	−1.1	−1.25	−0.99	0.07	2.48	−0.03	0.28	0.42	0.21	−0.96	−0.06	−0.32	0.05	−0.68	−0.41
HORVU1Hr1G047100 | Aquaporin−like superfamily protein	0.5	2.78	1.37	0.57	0.51	1.51	0.84	3.88	2.08	1.66	1.1	2.2	4.97	5.16	4.44	4.86	4.88	4.6
HORVU4Hr1G079230 | Aquaporin−like superfamily protein	3.2	4.89	2.26	2.89	3.2	3.22	6.42	7.73	6.66	6.41	6.24	7.16	9.92	9.73	9.56	9.53	9.13	9.65
HORVU7Hr1G008600 | K(+)/H(+) antiporter 1	−5.49	2.87	−5.55	−5.77	−5.87	−5.56	−5.45	3.77	−4.85	−4.58	−5.71	−6.22	−4.74	1.45	−4.03	−5.64	−2.12	−4
HORVU2Hr1G127500 | Magnesium transporter NIPA2	2.37	1.51	0.45	2.08	2.68	1.65	3.83	3.23	2.2	3.39	3.91	2.53	4.22	3.95	3.43	4.03	4.58	3.26
HORVU2Hr1G019010 | ABC transporter G family member 15	0.54	1.93	1.03	−0.03	−2.23	0.3	4.38	6.03	5.48	4.97	2.85	5.01						
HORVU6Hr1G001480 | Transmembrane amino acid transporter family protein	3.33	3.32	3.45	3.73	1.32	2.85	5.02	5.94	5.92	5.54	3.22	5.46	6.25	5.42	5.99	5.79	4.68	5.54
HORVU5Hr1G117080 | phosphate transporter 1;4	−0.55	−3.16	−1.37	−3.14	1.44	−2.71							8.52	8.85	8.65	8.59	8.83	8.46
HORVU2Hr1G117120 | EamA−like transporter family protein	−0.11	−1.07	−0.45	−3.02	−1.3	−1.01	1.82	1.09	1.76	−0.37	0.63	0.96	2.09	1.14	1.81	−0.07	0.75	1.07
HORVU2Hr1G094110 | Mechanosensitive ion channel protein	1.56	1.76	1.71	1.42	1.24	2.79	3.17	3.46	3.25	3.22	2.91	4.18	3.99	4.12	4.11	3.82	4.07	4.63
HORVU7Hr1G045290 | aluminum−activated malate transporter 9							2.93	0.25	0.81	0.55	0.48	1.29	3.31	2.29	2.66	2.2	2.43	2.75
HORVU4Hr1G019930 | Auxin transporter−like protein 3							1.49	−1.97	−1.3	−1.53	−0.54	−1.83	3.22	3.54	2.83	2.82	3.16	2.95
HORVU7Hr1G086180 | Mechanosensitive ion channel protein	0.18	−1.27	−1.72	−2.84	−2.18	−0.57	1.55	0.44	0.47	−0.14	−0.41	0.52	1.46	−1.05	−2.16	−1.4	−0.9	0.47
HORVU2Hr1G021020 | sodium hydrogen exchanger 2	3.84	1.8	2.66	3.01	2.35	2.95	4.63	2.07	2.91	3.46	3.48	3.05	3.49	2.53	3.16	3.48	3.57	2.85
HORVU7Hr1G056530 | ABC transporter G family member 45							1.25	0.18	1.93	1.53	2.09	1.42	1.17	−0.45	1.9	2	2.4	1.58
HORVU3Hr1G023220 | chloride channel C	4.32	3.19	4.17	3.89	3.6	4	4.45	3.31	4.58	4.67	4.5	4.55	5.01	5.04	5.33	5.27	5.3	5.22
HORVU6Hr1G079040 | cyclic nucleotide gated channel 19	3.33	2.75	3.51	3.63	3.62	3.32	4.11	3.05	4.19	4.19	4.42	4.13	4.7	3.77	4.69	4.75	4.93	4.55
HORVU3Hr1G002710 | nodulin MtN21 /EamA−like transporter family protein	1.73	1.46	2.35	2.06	2.05	2.23	5.26	3.81	4.81	4.94	5.78	5	4	3.97	3.91	3.8	3.99	3.67
HORVU7Hr1G097270 | Zinc transporter 7	1.47	−0.42	1.54	1.36	0.72	1.47	3.18	0.27	2.95	2.62	2.2	2.32	5.16	4.06	4.59	4.55	4.54	4
HORVU2Hr1G121200 | nodulin MtN21 /EamA−like transporter family protein							−0.35	0.99	−0.98	−1.45	−0.87	−1.11						
HORVU3Hr1G045630 | Transmembrane amino acid transporter family protein	−1.9	−0.82	−1.26	−0.42	−0.62	−1.36	0.25	2.63	1.44	1.21	1.19	0.7						
HORVU3Hr1G088360 | Transmembrane amino acid transporter family protein	−1.52	−1.09	−0.45	−0.33	−0.06	−0.87	0.58	2.84	1.55	1.6	1.48	1.12						
HORVU4Hr1G085820 | UDP−galactose transporter 2							2.6	4.33	3.06	2.27	1.13	2.98	1.64	1.86	1.79	1.82	1.65	2.11
HORVU2Hr1G066920 | Voltage−gated potassium channel subunit beta−3	6.13	6.39	4.88	5.57	5.84	4.86	6.71	7.98	6.39	6.65	6.71	6.08	7.43	8.38	7.03	7.35	7.25	6.75
HORVU7Hr1G040970 | Potassium channel SKOR							0.21	−1.67	−3.2	−1.63	−1.56	−0.46	1.1	0.45	0.49	1.49	0.91	1.04
HORVU2Hr1G018920 | ABC transporter G family member 15	−0.74	0.86	−0.01	−1.31	−3.46	−0.68	3.06	4.83	4.22	3.7	1.59	3.76						
HORVU6Hr1G064740 | Transmembrane amino acid transporter family protein	4.42	3.55	4.85	3.81	2.95	4.8	4.71	4.4	5.15	4.48	3.22	5.35	6.56	6.05	6.46	6.24	5.97	6.48
HORVU5Hr1G119230 | oligopeptide transporter 4	−4.28	−5.25	−0.19	−0.31	1.79	−0.04	−5.8	−5.59	−1.67	−1.48	1.41	−1.21						
HORVU2Hr1G108340 | Organic cation/carnitine transporter 4							−0.42	−1.61	−1.18	−0.85	0.69	−1.81	−0.92	−0.32	−0.96	−0.89	−1.6	−1.58
HORVU6Hr1G083720 | Transmembrane amino acid transporter family protein	4.37	3.91	3.97	2.93	4.84	3.95	5.15	4.99	5.16	3.9	5.42	5.3	4.57	4.73	4.81	4.45	4.75	4.52
HORVU2Hr1G061870 | ABC transporter B family member 23, mitochondrial	1.52	1	1.67	1.47	1.25	−1.23	2.74	2.61	2.83	2.61	2.96	−1.04	2.67	2.42	2.64	2.44	2.81	0.35
HORVU5Hr1G110180 | phosphate transporter 1;7	6.55	4.99	4.21	5.02	6.49	5.44	6.75	5.57	6.13	5.45	6.71	4.29	6.35	5.86	6.07	6.13	6	6.02
HORVU5Hr1G110220 | phosphate transporter 1;7	6.03	4.48	3.62	4.31	5.91	4.96	6.24	5.1	5.48	4.83	6.19	3.79	5.89	5.43	5.47	5.48	5.49	5.6
HORVU2Hr1G064160 | sugar transporter 1	0.18	−0.3	0.3	0.33	0.05	0.08	0.29	0.49	0.61	0.46	1.28	−1.18	5.59	5.67	5.5	5.39	5.56	5.67
HORVU3Hr1G031680 | Aquaporin−like superfamily protein							−1.42	−1.87	−1.09	−1.19	−1.42	0.68	1.48	1.91	1.18	2.44	2.61	3.55
HORVU1Hr1G070460 | Zinc transporter 5	−1.73	−0.84	0.42	−1.89	−0.22	−1.7	0.18	0.66	0.5	0.78	−0.02	1.79	3.02	3.23	3.03	3	2.76	2.89
HORVU4Hr1G081330 | Boron transporter 4	2.94	0.07	1.32	0.95	2.24	0.71							5.72	2.25	2.81	2.76	3.37	1.89
HORVU5Hr1G093090 | cationic amino acid transporter 5							−0.68	−0.84	−1.47	−0.72	−0.42	−2.91	2.19	0.94	0.95	1.13	0.64	0.95
HORVU3Hr1G018700 | sugar transporter 1													0.99	−2.01	−1.52	−0.2	−0.83	−1.2
HORVU3Hr1G018740 | sugar transporter 1													1.97	−0.35	0.11	0.48	0.39	−0.07
HORVU3Hr1G102860 | sugar transporter 1													−0.04	−2.12	−1.44	−1.06	−1.5	−1.85
HORVU0Hr1G016830 | sugar transporter 6													0.7	−4.26	0.05	0.94	1.04	−0.17
HORVU3Hr1G082870 | Magnesium transporter MRS2−E													0.75	2.58	0.78	1.13	0.6	1.04
HORVU1Hr1G065250 | Potassium channel AKT2	2.96	3.6	3	3.28	4.24	2.73	4.71	4.11	4.57	4.43	5.15	4.54	−0.26	1.81	−0.01	0.2	0.55	0.63
HORVU3Hr1G055740 | S−type anion channel SLAH2													3.02	4.04	2.97	2.86	3.06	2.73
HORVU3Hr1G068140 | sulfate transporter 3;1													2.05	3.58	2.16	1.15	1.72	1.19
HORVU3Hr1G055450 | Transmembrane amino acid transporter family protein							0.94	1.98	0.37	0.38	0.88	1.08	2.39	3.73	2.35	2.45	2.48	2.65
HORVU6Hr1G000440 | Bidirectional sugar transporter N3													2.59	2.31	2.49	3.21	0.55	2.57
HORVU5Hr1G077680 | High affinity cationic amino acid transporter 1	0.96	0.27	0.21	1.36	−1.05	−0.41	2.17	1.7	1.14	2.47	0.24	1.47	2.27	2	1.37	2.39	−0.88	1
HORVU6Hr1G005570 | high affinity nitrate transporter 2.6													4.25	4.91	4.21	4.96	1.84	4.88
HORVU7Hr1G025110 | ABC transporter C family member 10							−0.25	−1.21	−0.16	0.41	−0.75	−0.27	1.88	−2.21	1.1	−0.69	4.61	2.25
HORVU6Hr1G071960 | Nucleotide/sugar transporter family protein													0.21	0.08	−0.49	−2.05	0.18	−0.29
HORVU3Hr1G061190 | Organic cation/carnitine transporter 4													0.34	0.61	0.38	−4.43	−0.36	0.24
HORVU6Hr1G084290 | sugar transporter protein 7	−0.38	−0.58	−1.25	−0.12	−1.83	−0.68	−0.76	−1.99	−0.76	−1.01	−0.44	−1.23	4.59	3.33	4.74	1.66	4.64	4.68
HORVU3Hr1G013170 | Bidirectional sugar transporter N3													1.26	0.12	0.85	2.88	0.15	0.5
HORVU3Hr1G104090 | sulfate transporter 3;2							0.3	1.37	−6.22	2.35	−5.3	−5.74	0.74	1.61	−3.39	2.74	−4.34	−5.66
HORVU7Hr1G088600 | ABC transporter G family member 42													2.89	3.71	2.9	2.45	2.72	0.13