

Sample ID	Vegetation type	Soil horizon	Northing (UTM, Zone 6 N)	Easting (UTM, Zone 6 N)	Site	Active layer depth (cm)	Depth to water table (cm)	Sampling date (in 2014)	MS/MS spectra	Peptide-spectrum matches ($\leq 1\%$ FDR)	Spectra with screened functional annotations	Unique screened peptide sequences	Spectra/PSM	Spectra/unique peptide
1	Intertussock	Organic	7612385.993	406199.426	Imnavait	40	23	Aug 11	38245	15878	4920	2099	7.8	18.2
2	Intertussock	Organic	7612385.993	406199.426	Imnavait	40	23	Aug 11	39121	16235	4814	2223	8.1	17.6
3	Intertussock	Organic	7612296.508	405983.235	Imnavait	64	23	Aug 11	36688	10485	3216	2081	11.4	17.6
4	Intertussock	Organic	7612296.508	405983.235	Imnavait	64	23	Aug 11	36214	10064	3066	2050	11.8	17.7
5	Intertussock	Organic	7614070.44	393755.304	Toolik	61	NA	Aug 12	32087	6052	1967	1202	16.3	26.7
6	Intertussock	Mineral	7614070.44	393755.304	Toolik	61	NA	Aug 12	30950	3142	1079	372	28.7	83.2
7	Tussock	Organic	7612386.411	406199.526	Imnavait	53	NA	Aug 11	38778	4898	1481	727	26.2	53.3
8	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	39321	15055	5003	3071	7.9	12.8
9	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	38814	13583	4341	2640	8.9	14.7
10	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	39415	13915	4283	2624	9.2	15.0
11	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	39269	13879	4207	2543	9.3	15.4
12	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	39583	12978	3853	2305	10.3	17.2
13	Tussock	Organic	7612345.005	406061.461	Imnavait	45	NA	Aug 11	40495	14184	4417	2572	9.2	15.7
14	Tussock	Organic	7614069.165	393754.96	Toolik	60	NA	Aug 12	33192	8621	2828	1456	11.7	22.8
15	Tussock	Mineral	7614069.165	393754.96	Toolik	60	NA	Aug 12	33588	5462	2013	893	16.7	37.6
16	Shrub	Organic	7614490.628	393616.694	Toolik	45	NA	Aug 10	33378	8445	2801	1670	11.9	20.0
17	Shrub	Mineral	7614490.628	393616.694	Toolik	45	NA	Aug 10	33596	6674	1807	728	18.6	46.1
18	Shrub	Organic	7612425.334	406153.236	Imnavait	58	35	Aug 11	36997	10919	3424	2292	10.8	16.1