

Gene Query: mina

16 May, 2016

Comparing trx vs. trx in Adipose, Liver

Correlations

Top 200 Records

Within Tissue Intersections

Adipose

Ap3m1	D6Wsu163e	Lrrc59	Mina	Pno1	Spint2
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Liver

Bcap29	C1qbp	Cops4	Jkamp	Mina	Mterfd3	Ndufaf3
Tbc1d19	Yifla					

Within Tissue Intersections with Bicorrelations

Adipose

correlated_with	bicor_ChowAdipose	bicor_HighFatAdiposeFemale	bicor_HighFatAdiposeMale
Ap3m1	0.3408556	0.3404897	0.4198145
Ap3m1	0.3350567	0.3893878	0.4832635
Ap3m1	NA	0.3520153	0.4114037
D6Wsu163e	0.3743907	0.4564636	0.5007189
D6Wsu163e	NA	0.4221429	0.4221493
Lrrc59	0.3588555	0.3838473	0.4176582
Lrrc59	0.3784328	NA	NA
Mina	0.7415428	0.6408334	0.7226961
Pno1	0.3469963	0.4051858	0.4765284
Pno1	NA	0.3663174	0.4383996
Spint2	-0.3362492	-0.3571526	-0.4466590

Liver

correlated_with	bicor_ChowLiver	bicor_HighFatLiverFemale	bicor_HighFatLiverMale
Bcap29	0.3994653	0.4581155	0.4095512
Bcap29	NA	NA	0.4202533
C1qbp	0.3585784	0.4010248	0.4205308
Cops4	0.3556972	0.4079397	0.4525470

correlated_with	bicor_ChowLiver	bicor_HighFatLiverFemale	bicor_HighFatLiverMale
Cops4	NA	NA	0.4058987
Jkamp	0.3553904	0.3992849	0.4067363
Jkamp	NA	NA	0.3969220
Mina	0.3431635	0.5977013	0.5648983
Mterfd3	0.3641591	0.4509448	0.4604394
Mterfd3	NA	0.4723888	0.4832621
Ndufaf3	0.3801916	0.3950519	0.4514805
Ndufaf3	NA	NA	0.3709546
Tbc1d19	0.4071902	0.3934990	0.3702969
Yif1a	0.4403561	0.5084039	0.3853481
Yif1a	NA	0.3957719	NA

Adipose Intersections with Mouse and Human Data

Within Tissue Intersections

mina

Within Tissue Intersections with Bicorrelations

correlated_with	bicor_ChowAdipose	bicor_HighFatAdiposeFemale	bicor_HighFatAdiposeMale	bicor_Human
mina	0.7415428	0.6408334	0.7226961	1

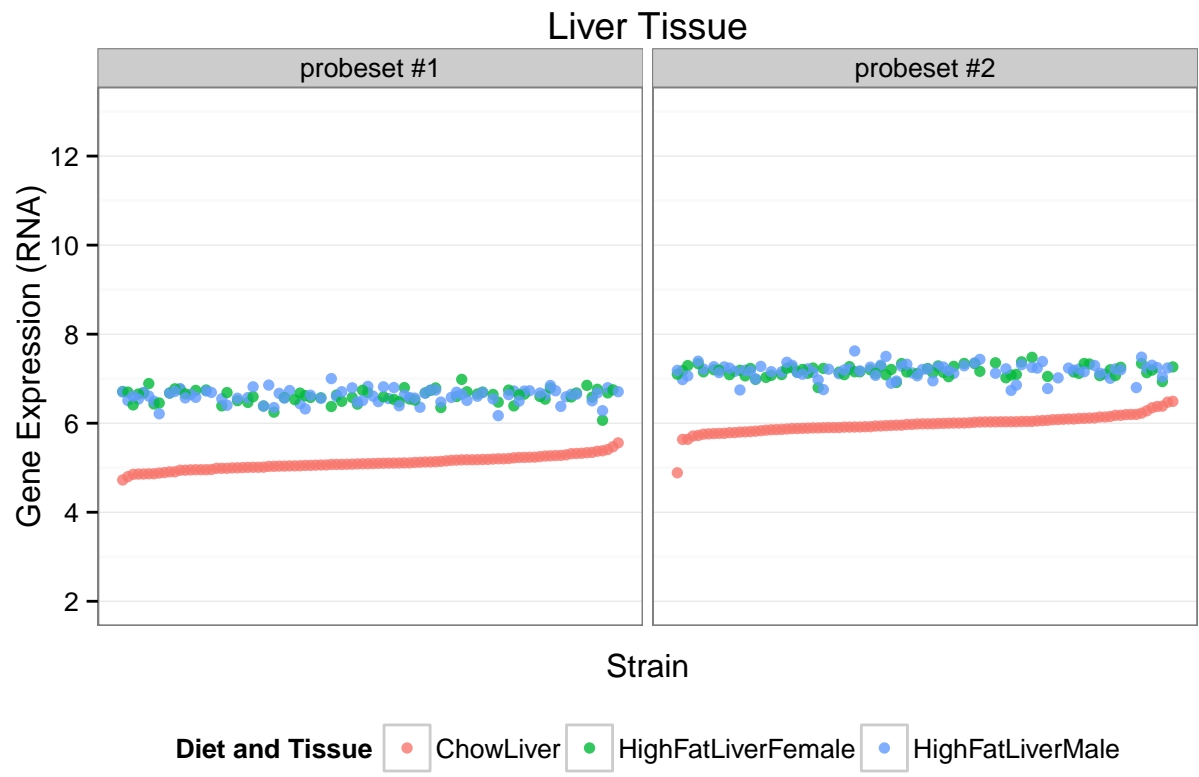
Transcript Abundance

Within Tissue Plots

Adipose



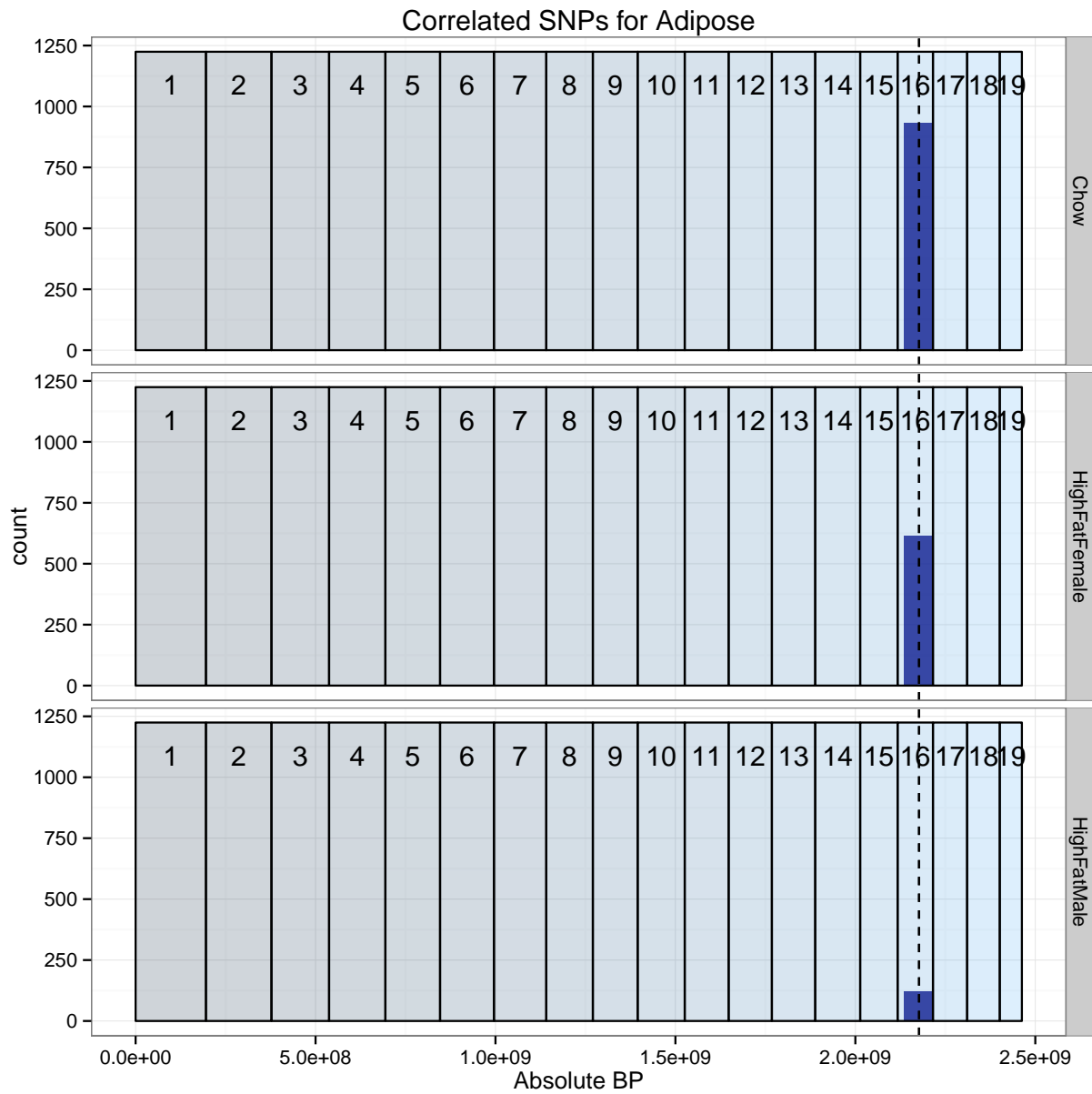
Liver



eQTL

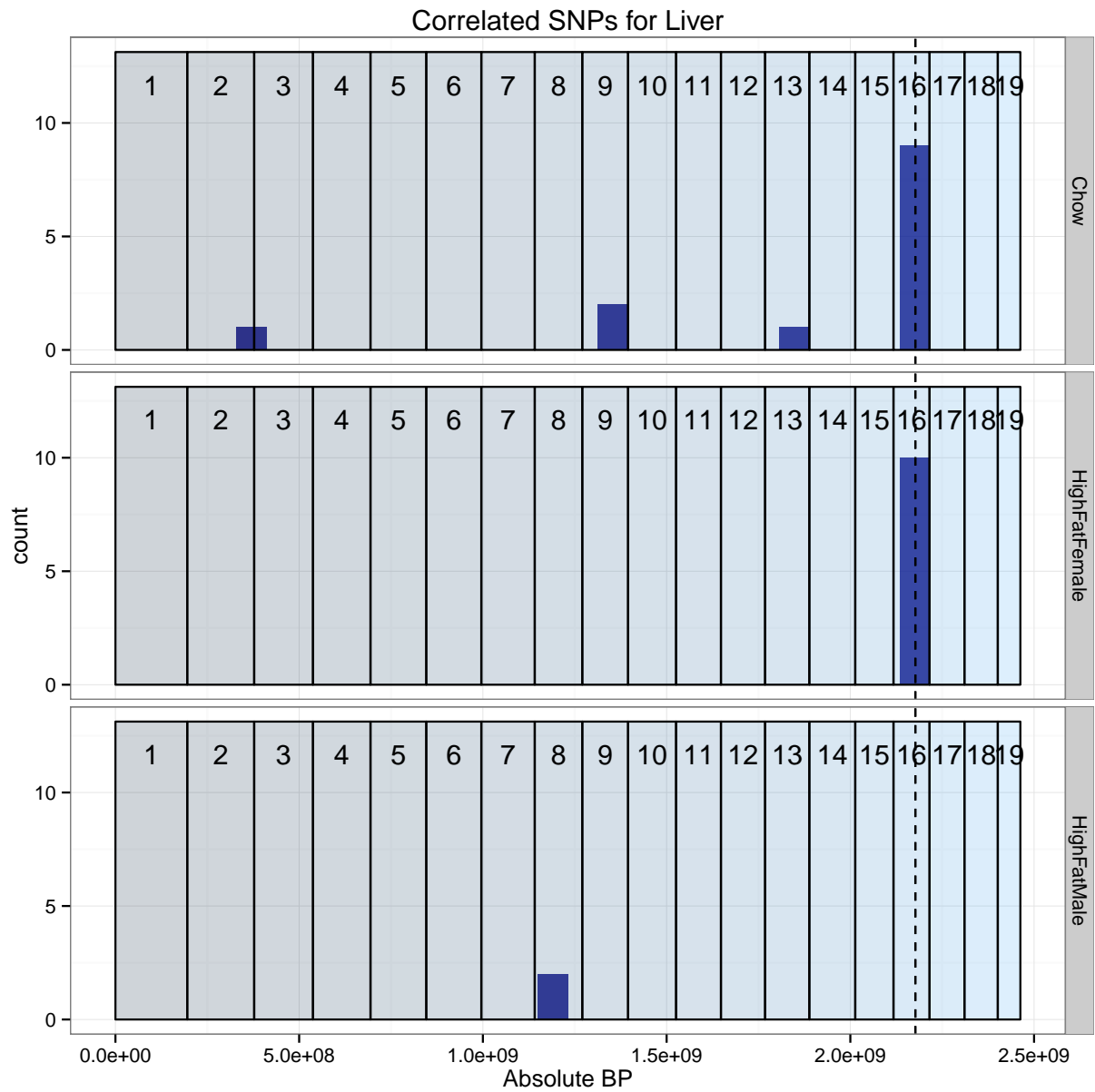
Within Tissue Plots

Adipose



kind	Chr 04	Chr 09	Chr 12	Chr 16	Chr 19
Chow	0	0	0	933	0
HighFatFemale	1	3	1	615	1
HighFatMale	0	0	0	122	0

Liver



kind	Chr 02	Chr 08	Chr 09	Chr 13	Chr 16
Chow	1	0	2	1	9
HighFatFemale	0	0	0	0	10
HighFatMale	0	2	0	0	0

Low Dimensional Table View of SNPs

Adipose

diet	rsID	snp_chr	snp_bp_abs	number_of_other_snps_nearby
Chow	rs3672163	16	2177244898	157
Chow	rs3672163	16	2177244898	157
Chow	rs4191817	16	2176896628	5
Chow	rs4191817	16	2176896628	5
Chow	rs4191070	16	2176373169	128
Chow	rs4191070	16	2176373169	128
Chow	rs4193136	16	2178819436	9
Chow	rs4193136	16	2178819436	9
Chow	rs52367132	16	2186673364	0
Chow	rs4199110	16	2186912618	1
Chow	rs4199110	16	2186912618	1
Chow	rs4201419	16	2189582371	0
Chow	rs4202255	16	2190104181	0
Chow	rs4181572	16	2163062419	6
Chow	rs32741353	16	2162596617	2
Chow	rs50629812	16	2197603541	2
Chow	rs4211749	16	2201148525	2
Chow	rs4211749	16	2201148525	2
Chow	rs4212099	16	2202511162	89
Chow	rs4212099	16	2202511162	89
Chow	rs52042747	16	2203375152	46
Chow	rs52042747	16	2203375152	46
Chow	rs4213571	16	2204295369	2
Chow	rs4217082	16	2207326984	2
Chow	rs4217082	16	2207326984	2
Chow	rs4219064	16	2208749439	10
Chow	rs4219556	16	2209309223	28
Chow	rs4219556	16	2209309223	28
Chow	rs4219904	16	2210409776	36
Chow	rs3166170	16	2213895225	8
Chow	rs3164052	16	2214444485	36
Chow	rs4221820	16	2215040892	44
HighFatFemale	rs27542024	4	667101179	0
HighFatFemale	rs30228838	9	1361685655	2
HighFatFemale	rs49852582	12	1761143910	0
HighFatFemale	rs3672163	16	2177244898	158
HighFatFemale	rs3672163	16	2177244898	158
HighFatFemale	rs4191817	16	2176896628	5
HighFatFemale	rs4191817	16	2176896628	5
HighFatFemale	rs4191070	16	2176373169	137
HighFatFemale	rs4191070	16	2176373169	137
HighFatFemale	rs4193136	16	2178819436	9
HighFatFemale	rs4193136	16	2178819436	9
HighFatFemale	rs4189781	16	2175451156	137
HighFatFemale	rs4189781	16	2175451156	137
HighFatFemale	rs4188425	16	2173806315	13
HighFatFemale	rs4188425	16	2173806315	13
HighFatFemale	rs4186989	16	2168979314	16
HighFatFemale	rs4198066	16	2185159588	0
HighFatFemale	rs48367245	16	2163097231	4
HighFatFemale	rs4180247	16	2162488746	8
HighFatFemale	rs4180247	16	2162488746	8

diet	rsID	snp_chr	snp_bp_abs	number_of_other_snps_nearby
HighFatFemale	rs30450529	19	2448877190	0
HighFatMale	rs30813235	16	2177758915	56
HighFatMale	rs30813235	16	2177758915	56
HighFatMale	rs4191817	16	2176896628	5
HighFatMale	rs4191817	16	2176896628	5
HighFatMale	rs4191070	16	2176373169	34
HighFatMale	rs4193069	16	2178394464	6
HighFatMale	rs4193069	16	2178394464	6
HighFatMale	rs4189781	16	2175451156	16

Liver

diet	rsID	snp_chr	snp_bp_abs	number_of_other_snps_nearby
Chow	rs27677464	2	376778320	0
Chow	rs52429093	13	1871829953	0
Chow	rs46239527	16	2199807048	2
HighFatFemale	rs48920461	16	2149916570	2
HighFatFemale	rs32555058	16	2149871905	6