

## MS cluster 1

	gene_id	gene_short_name	cell_group	marker_score	mean_expression	fraction_expressing	specificity	pseudo_R2	marker_test_p_value	marker_test_q_value
MS cluster 1	ENSG00000219507-FTH1P8	ENSG00000219507-FTH1P8	1	0.277254525908516	1.40811076546818	0.482912332838039	0.574130141342866	0.145935641929155	7.51338507496952E-53	7.6052737744364E-48
2	ENSG00000251372-LINC00499	ENSG00000251372-LINC00499	1	0.304468511007036	2.58529362058057	0.766716196136701	0.397107185867704	0.0796384804788718	2.39018529114822E-29	2.41941725725896E-24
3	ENSG00000179399-GPC5	ENSG00000179399-GPC5	1	0.338954404973186	5.59397384018707	0.988112927191679	0.343032051950307	0.0550899944422231	9.86611671723671E-21	9.98677932468852E-16
4	ENSG00000164741-DLC1	ENSG00000164741-DLC1	1	0.288683651602245	2.31899336964163	0.729569093610698	0.395690626330572	0.0528375778172916	6.07031620400336E-20	6.14455617117832E-15
5	ENSG00000145934-TENM2	ENSG00000145934-TENM2	1	0.322679659806451	3.43724335493045	0.88112927191679	0.366211485749986	0.0523064883797243	9.31622895648983E-20	9.4301664366277E-15
6	ENSG00000167996-FTH1	ENSG00000167996-FTH1	1	0.304456382651987	2.88239383045563	0.728083209509658	0.418161521479157	0.0513140338195889	2.07422119887599E-19	2.09958892413824E-14
7	ENSG00000087250-MT3	ENSG00000087250-MT3	1	0.289909227484856	2.45299111721177	0.729569093610698	0.39737048896555	0.0474948429821602	4.51196560140213E-18	4.56714694070728E-13
8	ENSG00000148948-LRRC4C	ENSG00000148948-LRRC4C	1	0.306335184903408	2.79802608425224	0.811292719167905	0.377588973333321	0.0461311157264748	1.35489479315192E-17	1.37146515647217E-12
9	ENSG00000125148-MT2A	ENSG00000125148-MT2A	1	0.305405566730954	2.82911409625226	0.787518573551263	0.387807446056476	0.0433882307762763	1.23700150235233E-16	1.2521300307261E-11
10	ENSG00000138639-ARHGAP24	ENSG00000138639-ARHGAP24	1	0.281974264013294	2.45659849252759	0.777117384843982	0.362846423864143	0.0406962482065724	1.08408692349497E-15	1.09734530656932E-10

## ASD cluster 1

	gene_id	gene_short_name	cell_group	marker_score	mean_expression	fraction_expressing	specificity	pseudo_R2	marker_test_p_value	marker_test_q_value
ASD cluster 1	ENSG00000182621-PLCB1	ENSG00000182621-PLCB1	1	0.192399690382326	2.39745901835033	0.652446675031368	0.294889525451372	0.0122107249430296	1.59398185919741E-08	0.0023272727370258
2	ENSG00000127603-MACF1	ENSG00000127603-MACF1	1	0.23546978569759	3.85762986882741	0.883312421580928	0.266575879546846	0.0006627899196357	0.188247146130874	1
3	ENSG00000162599-NFIA	ENSG00000162599-NFIA	1	0.210415551314916	3.21762635298896	0.805520702634881	0.261216813704031	0.00024968752945733	0.419333100066846	1
4	ENSG00000125462-C1orf61	ENSG00000125462-C1orf61	1	0.200241610682584	2.90173277566326	0.745922208281054	0.268448383034515	9.35987129434076E-08	0.987525073684514	1
5	ENSG00000135821-GLUL	ENSG00000135821-GLUL	1	0.170658007951144	2.58668333379235	0.688833124215809	0.247749421378983	0.000955351745672844	0.1141673407691	1
6	ENSG00000155816-FMN2	ENSG00000155816-FMN2	1	0.200130917304997	2.77419612791841	0.741530740276035	0.269888902017061	0.00134596301137167	0.0607765574642172	1
7	ENSG00000230876-LINC00486	ENSG00000230876-LINC00486	1	0.235026720287634	4.55418543813145	0.923462986198243	0.254505837050604	0.000138359178079849	0.547735446715722	1
8	ENSG00000179915-NRXN1	ENSG00000179915-NRXN1	1	0.259659920989229	5.72299467872448	0.98306148055207	0.264133959193894	0.00181574806137044	0.0294087412464453	1
9	ENSG00000144040-SFXN5	ENSG00000144040-SFXN5	1	0.196869568522439	2.70767668186187	0.716436637390213	0.274789923139027	0.00281258498743502	0.00671194103501316	1

10	ENSG00000066032-CTNNA2	ENSG00000066032-CTNNA2	1	0.254889316088571	5.3198885188478	0.961104140526976	0.265204680055602	0.00139883416480153	0.0559279426639083	1
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## MS cluster 5

	gene_id	gene_short_name	cell_group	marker_score	mean_expression	fraction_expressing	specificity	pseudo_R2	marker_test_p_value	marker_test_q_value
MS cluster 5	ENSG00000219507-FTH1P8	ENSG00000219507-FTH1P8	1	0.277254525908516	1.40811076546818	0.482912332838039	0.574130141342866	0.145935641929155	7.51338507496952E-53	7.6052737744364E-48
2	ENSG00000251372-LINC00499	ENSG00000251372-LINC00499	1	0.304468511007036	2.58529362058057	0.766716196136701	0.397107185867704	0.079638404788718	2.39018529114822E-29	2.41941725725896E-24
3	ENSG00000179399-GPC5	ENSG00000179399-GPC5	1	0.338954404973186	5.59397384018707	0.988112927191679	0.343032051950307	0.055089994442231	9.86611671723671E-21	9.98677932468852E-16
4	ENSG00000164741-DLC1	ENSG00000164741-DLC1	1	0.288683651602245	2.31899336964163	0.729569093610698	0.395690626330572	0.0528375778172916	6.07031620400336E-20	6.14455617117832E-15
5	ENSG00000145934-TENM2	ENSG00000145934-TENM2	1	0.322679659806451	3.43724335493045	0.88112927191679	0.366211485749986	0.0523064883797243	9.31622895648983E-20	9.4301664366277E-15
6	ENSG00000167996-FTH1	ENSG00000167996-FTH1	1	0.304456382651987	2.88239383045563	0.728083209509658	0.418161521479157	0.0513140338195889	2.07422119887599E-19	2.09958892413824E-14
7	ENSG00000087250-MT3	ENSG00000087250-MT3	1	0.289909227484856	2.45299111721177	0.729569093610698	0.397370488996555	0.0474948429821602	4.51196560140213E-18	4.56714694070728E-13
8	ENSG00000148948-LRRRC4C	ENSG00000148948-LRRRC4C	1	0.306335184903408	2.79802608425224	0.811292719167905	0.377588973333321	0.0461311157264748	1.35489479315192E-17	1.37146515647217E-12
9	ENSG00000125148-MT2A	ENSG00000125148-MT2A	1	0.305405566730954	2.82911409625226	0.787518573551263	0.387807446056476	0.0433882307762763	1.23700150235233E-16	1.2521300307261E-11
10	ENSG00000138639-ARHGAP24	ENSG00000138639-ARHGAP24	1	0.281974264013294	2.45659849252759	0.777117384843982	0.362846423864143	0.0406962482065724	1.08408692349497E-15	1.09734530656932E-10

## ASD cluster 5

	gene_id	gene_short_name	cell_group	marker_score	mean_expression	fraction_expressing	specificity	pseudo_R2	marker_test_p_value	marker_test_q_value
ASD cluster 5	ENSG00000153944-MSI2	ENSG00000153944-MSI2	3	0.191424035599108	3.08696502004975	0.762022194821208	0.251205328270027	0.0134110248269349	2.50419176274664E-07	0.036562201412806
2	ENSG00000127603-MACF1	ENSG00000127603-MACF1	3	0.223057308579462	3.78083254695801	0.849568434032059	0.262553668008626	0.000117174675411471	0.629936531745998	1
3	ENSG00000162599-NFIA	ENSG00000162599-NFIA	3	0.199558902890272	3.14733736664047	0.776818742293465	0.25689249245081	0.00189011850076017	0.0529578951359247	1
4	ENSG00000125462-Clorf61	ENSG00000125462-Clorf61	3	0.178015934104362	2.705690387292	0.699136868064118	0.254622438375022	0.00414484891388904	0.00415576360021881	1
5	ENSG00000155816-FMN2	ENSG00000155816-FMN2	3	0.179529451360727	2.62191824741795	0.694204685573366	0.258611696365097	0.00203449195481475	0.0446616957286544	1
6	ENSG00000230876-LINC00486	ENSG00000230876-LINC00486	3	0.22662223232521	4.60599942414681	0.882860665844636	0.256690824498009	0.0013413589413513	0.103045216271587	1
7	ENSG00000179915-NRXN1	ENSG00000179915-NRXN1	3	0.246324876068787	5.51294606081278	0.959309494451295	0.25677310345988	0.00204517650869738	0.0441048395991026	1

8	ENSG0000066032-CTNNA2	ENSG0000066032-CTNNA2	3	0.251430713729094	5.27338309726409	0.954377311960543	0.263450011413818	1.03446720231371E-06	0.96389124138109	1
9	ENSG00000175497-DPP10	ENSG00000175497-DPP10	3	0.179476465875602	3.40364394656029	0.573366214549938	0.313022395322825	0.00677120021311193	0.000248641857481515	1
10	ENSG00000168702-LRP1B	ENSG00000168702-LRP1B	3	0.235692088351731	4.61084124324104	0.916152897657213	0.257262831296438	0.00156095903149841	0.0786326642571438	1