

Table S6. Related to Figure S3A (left). 119 differential expression genes in four clusters of scRNAseq of SPN-13.

Gene symbol	p_val	avg_logFC	pct.1	pct.2	p_val_adj	cluster
COL17A1	1.25E-202	0.276137804	0.873	0.707	2.60E-198	1
HADHA	1.50E-10	0.196082783	0.763	0.565	3.12E-06	1
TIMP1	0	0.654343551	0.986	0.935	0	1
NDRG1	1.96E-138	0.369980398	0.814	0.653	4.07E-134	1
CA9	4.46E-255	0.365166236	0.598	0.307	9.28E-251	1
HADHB	2.36E-07	0.231260592	0.674	0.433	0.004900329	1
EIF3H	1.06E-285	0.278525512	0.989	0.967	2.20E-281	1
ALDOA	9.61E-222	0.294811233	0.999	1	2.00E-217	1
ADAMTS1	1.89E-07	0.147810215	0.472	0.382	0.003930413	1
EIF4A1	2.08E-73	0.366849922	0.996	0.997	4.32E-69	1
HSP90B1	8.23E-169	0.360544776	0.957	0.963	1.71E-164	1
PIIB	2.02E-138	0.263442162	0.979	0.972	4.21E-134	1
PDIA3	3.27E-256	0.3670775	0.883	0.767	6.81E-252	1
SLC3A2	1.59E-81	0.352820202	0.845	0.812	3.32E-77	1
EIF1	0	0.328128152	1	1	0	1
SFN	1.39E-228	0.315194137	0.999	0.999	2.90E-224	1
ZFAS1	0	0.366253337	1	1	0	1
IMPDH2	2.40E-231	0.322874516	0.932	0.867	5.00E-227	1
NPM1	0	0.416562884	1	0.999	0	1
KRT14	5.24E-25	0.653647155	0.628	0.547	1.09E-20	1
NAP1L1	0	0.359683321	0.999	0.998	0	1
S100A4	1.08E-07	0.238360574	0.699	0.544	0.00225427	1
S100A2	0	0.307866555	1	1	0	1
AKR1B10	1.25E-272	0.2884256	0.499	0.203	2.60E-268	1
TPM2	4.49E-150	0.360159188	0.761	0.591	9.35E-146	1
RAET1G	1.14E-06	0.155663387	0.406	0.139	0.023646451	1
SERPINB5	2.34E-07	0.227559362	0.823	0.689	0.004872536	1
B4GALT1	0	0.61616129	0.893	0.436	0	2
BIRC5	4.69E-09	0.164636469	0.868	0.75	9.75E-05	2
CLSPN	2.23E-06	0.140116572	0.695	0.55	0.046430448	2
TNRC6B	1.08E-08	0.188497199	0.685	0.503	0.000224649	2
CDKN3	3.55E-08	0.139059529	0.874	0.77	0.000737529	2
MYBL2	2.15E-06	0.114631878	0.644	0.516	0.044743584	2
OAZ1	9.10E-14	0.149465861	1	1	1.89E-09	2
H2AFV	4.18E-09	0.11688443	0.995	0.991	8.69E-05	2
CACYBP	7.46E-08	0.111176924	0.929	0.894	0.001551426	2
ICMT	2.40E-07	0.103913672	0.747	0.669	0.004999082	2
PHF19	2.64E-08	0.18492093	0.86	0.749	0.000549894	2

GTF3A	1.51E-11	0.192372541	0.979	0.957	3.15E-07	2
DEK	7.22E-12	0.181873634	0.99	0.981	1.50E-07	2
LSM4	2.70E-13	0.163585563	0.998	0.994	5.62E-09	2
RIN2	0	0.314710279	0.677	0.339	0	2
CDK4	4.74E-11	0.186574147	0.951	0.91	9.87E-07	2
NABP2	1.90E-08	0.133001492	0.854	0.766	0.000395065	2
TP53	1.29E-09	0.192343265	0.651	0.472	2.68E-05	2
ANP32E	5.72E-12	0.232057785	0.791	0.616	1.19E-07	2
CISD2	3.45E-08	0.14959867	0.954	0.928	0.000717037	2
SSRP1	1.81E-06	0.10393844	0.946	0.917	0.037713261	2
ZDHHHC12	5.25E-12	0.180010926	0.985	0.971	1.09E-07	2
SPC24	0	0.340882896	0.647	0.255	0	2
TRA2A	2.08E-265	0.298522563	0.728	0.47	4.32E-261	2
FAM96A	1.51E-07	0.115969588	0.912	0.862	0.003144415	2
SAC3D1	1.74E-06	0.119471234	0.74	0.657	0.036298065	2
DTYMK	6.68E-12	0.185878698	0.951	0.88	1.39E-07	2
TOR1AIP2	0	0.357809771	0.865	0.622	0	2
COPRS	5.86E-13	0.17990347	0.918	0.833	1.22E-08	2
YIF1A	3.97E-09	0.152943776	0.94	0.912	8.26E-05	2
CTDNEP1	1.48E-09	0.135125545	0.942	0.899	3.08E-05	2
TYMS	1.99E-08	0.110324629	0.833	0.757	0.000413547	2
R3HDM2	1.65E-07	0.137442551	0.478	0.288	0.003422601	2
DCTPP1	1.70E-06	0.12273046	0.901	0.853	0.035395374	2
TCEA1	1.63E-10	0.145059773	0.977	0.958	3.40E-06	2
CD47	1.36E-08	0.173310172	0.945	0.902	0.000283685	2
PDGFA	9.62E-07	0.123851607	0.518	0.375	0.020011318	2
HMG2	6.15E-13	0.191527779	0.999	0.998	1.28E-08	2
LSM2	1.82E-18	0.161378615	0.985	0.97	3.79E-14	2
APOBEC3C	5.06E-274	0.333282231	0.761	0.499	1.05E-269	2
EPPK1	1.46E-307	0.332909426	0.657	0.346	3.03E-303	2
RDH11	2.89E-10	0.166393653	0.54	0.33	6.00E-06	3
FDFT1	1.05E-302	0.434588579	0.823	0.504	2.19E-298	3
SCD	0	0.919612896	0.944	0.385	0	3
SLC25A1	1.06E-14	0.228857546	0.788	0.632	2.20E-10	3
SQLE	0	0.592310421	0.907	0.517	0	3
TMEM97	3.13E-08	0.153613295	0.5	0.317	0.000651375	3
MVK	2.61E-17	0.230789063	0.542	0.215	5.42E-13	3
HMGCS1	0	0.379056131	0.595	0.125	0	3
HMGCR	0	0.315535178	0.598	0.2	0	3
ACAT2	7.22E-241	0.350150204	0.699	0.372	1.50E-236	3
ACLY	3.80E-152	0.267597072	0.671	0.425	7.90E-148	3

EBP	1.34E-162	0.33323523	0.95	0.851	2.78E-158	3
FDPS	0	0.490389444	0.96	0.786	0	3
MVD	0	0.393949134	0.627	0.185	0	3
FASN	0	0.420749106	0.781	0.409	0	3
DHCR7	0	0.323498905	0.61	0.145	0	3
PGP	1.58E-105	0.254090895	0.943	0.814	3.28E-101	3
PCYT2	1.10E-08	0.203302078	0.559	0.33	0.00022782	3
INSIG1	0	0.522957317	0.73	0.071	0	3
IL8	0	0.818664357	0.933	0.607	0	4
HS3ST1	3.45E-12	0.222537451	0.66	0.387	7.17E-08	4
PLAUR	1.30E-188	0.314578833	0.648	0.359	2.70E-184	4
BID	2.30E-10	0.227757614	0.945	0.831	4.79E-06	4
BIRC3	0	0.392307267	0.675	0.274	0	4
MAP2K3	5.53E-09	0.192757625	0.874	0.731	0.00011499	4
TRAM1	1.39E-08	0.117129348	0.954	0.875	0.00028993	4
MAST4	6.31E-11	0.14132714	0.689	0.545	1.31E-06	4
TRAF4	3.65E-11	0.210847565	0.931	0.82	7.60E-07	4
NFKBIA	4.07E-204	0.435301922	0.778	0.549	8.47E-200	4
SNX3	3.30E-16	0.161793532	1	0.996	6.87E-12	4
CCND3	2.56E-07	0.131128103	0.827	0.682	0.005328673	4
HBEGF	2.14E-155	0.269419832	0.833	0.578	4.45E-151	4
CCL20	1.01E-240	0.637140609	0.665	0.333	2.11E-236	4
TNFAIP3	1.18E-299	0.286380721	0.682	0.29	2.46E-295	4
PLAU	0	0.546400984	0.921	0.617	0	4
CDC42EP1	2.94E-10	0.219822286	0.799	0.609	6.11E-06	4
RAC1	5.26E-09	0.146675191	1	1	0.00010932	4
PIM1	2.32E-06	0.153681553	0.587	0.448	0.04835538	4
TPM1	5.49E-07	0.177291797	0.99	0.95	0.0114165	4
TINAGL1	9.97E-16	0.214845692	0.99	0.956	2.07E-11	4
TNIP1	3.65E-217	0.272857879	0.905	0.713	7.60E-213	4
IFNGR2	7.62E-08	0.20660625	0.924	0.82	0.001585526	4
CSTB	3.91E-07	0.115893359	1	1	0.008130275	4
CXCL16	9.46E-07	0.165590051	0.788	0.616	0.019671636	4
CLDN1	4.41E-07	0.205810726	0.795	0.636	0.009178011	4
CXCL1	3.33E-294	0.511858159	0.726	0.349	6.92E-290	4
CEBPB	2.59E-08	0.175048919	0.878	0.778	0.000539152	4
PTP4A2	9.09E-21	0.236860605	0.99	0.921	1.89E-16	4
UBE2F	6.11E-07	0.147615928	0.929	0.826	0.012714112	4
SPATS2L	6.66E-15	0.207918153	0.991	0.97	1.39E-10	4
PIM3	6.99E-08	0.218644692	0.889	0.767	0.001454772	4