

Selected Abgent Products

Figure	Target	Tissue/Cell line	Cat#
A.	MANOG	Human testis	AP1486c
B.	SOX9	Human prostate carcinoma	AP1409a
C.	ALDH1A1, RabDHI	Human hepatocarcinoma	AP1465c
D.	PWHL1, HWI1	Human testis	AP2731a
E.	EgA4, SEK, HEK8	Human stem cells	AP7609a
F.	Glypican-3, GPC3	Human liver carcinoma (HepG2)	AP6337a
G.	KITLG, cKit ligand	Human kidney (293)	AP1484b
H.	DRAGON, NSGR	Human bone marrow (K562)	AP1421b
I.	TER1, Tolmerase	Human T cell leukemia (Jurkat)	AP1410c
J.	SOX9	Human liver carcinoma (HepG2)	AP1409a
K.	LMO1alpha	HELO	AP1426c
L.	LINC8B	Human bone marrow (K562)	AP1485c
M.	SAE1, UBILETA	Mouse lung tissue lysate	AP2011b
N.	KIT, CD117, SCFR	Mouse pancreas lysate	AP7656b

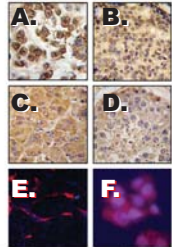
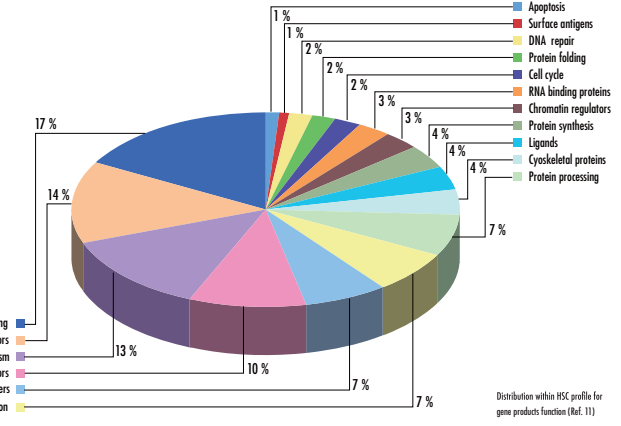
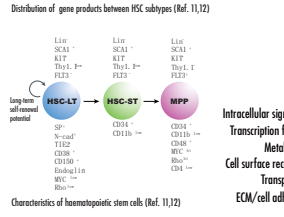
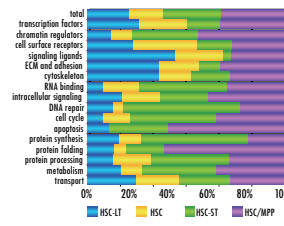
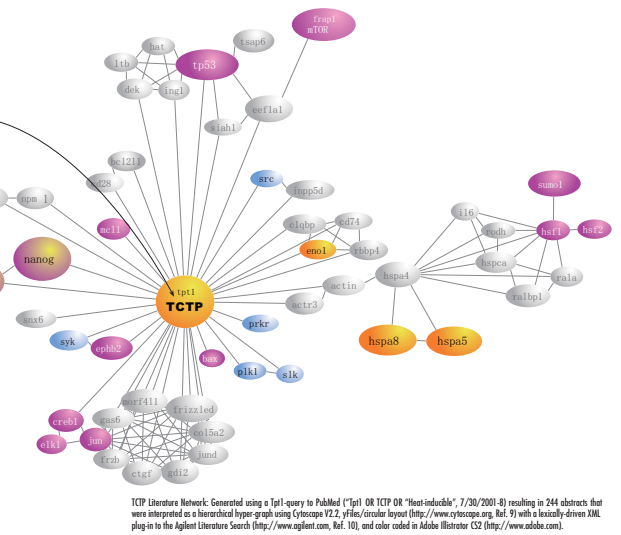
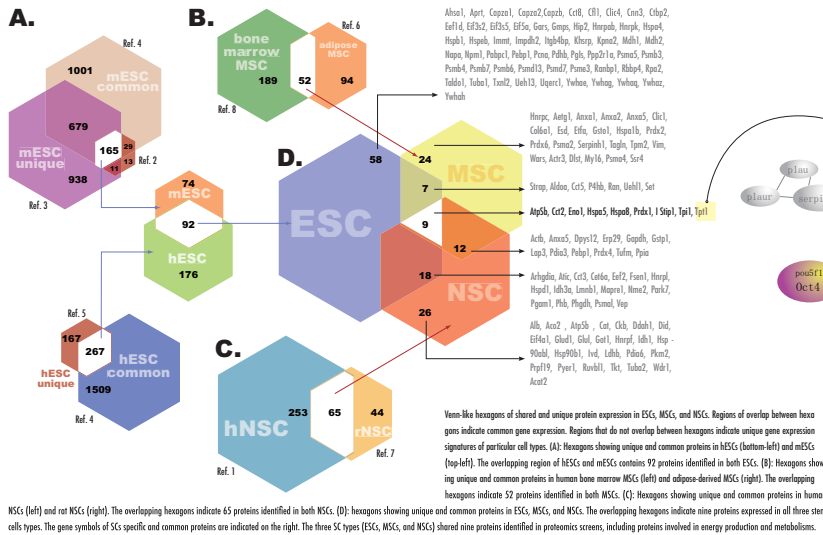


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Distribution

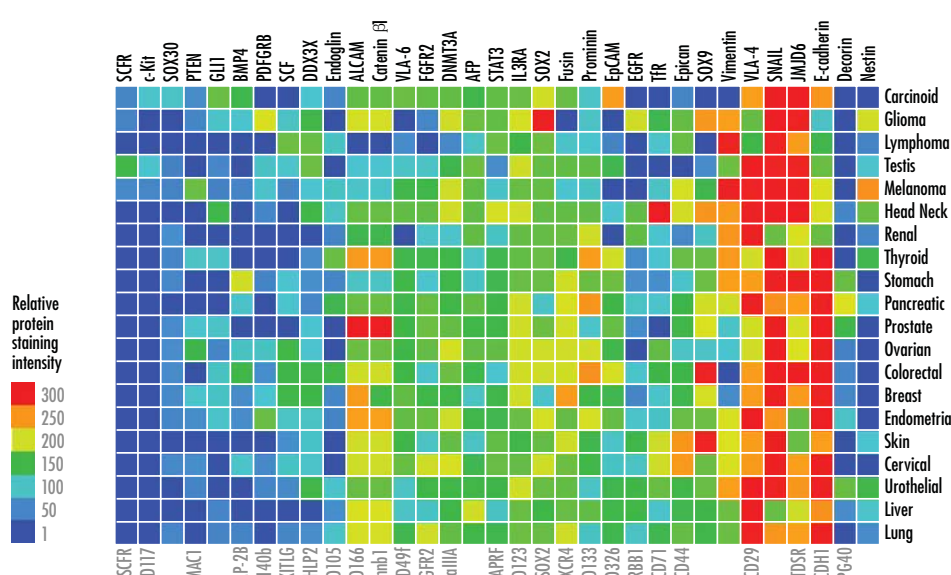


Associations



Profiling

500+ additional stem cell Abs at www.abgent.com



An algorithm extracting stored cancer tissue-specific average staining intensity was implemented on data resident at the Human Protein Atlas (www.proteinatlas.org). Data points were then clustered using Statistica 7.0 (www.statsoft.it) the linkage along both axis was 'weighted pair-group centroid [median]', and distances were 1/ for tissues - 1/Person* and 2/ stem cell markers - 'Euclidean'. The clustered matrix was visualized using MatrixVis 5.0 (developed by the Burnham Institute, www.burnham.org).

Associations

Distribution of stem cell proteins in cell subtypes and across cellular function
Associations of stem cell proteins in major tissue types and among each other
Profiling of stem cell markers in cancer tissues via antibodies

Abbreviations & References

- HSC, Hematopoietic stem cells; HSC-LT, long-term HSC; HSC-ST, short-term HSC; MPP, multipotent progenitor; hESC, human ESC; mESC, mouse ESC; SP, side population ability; Rho-, rhodamine 123, Lin, lineage-negative, Lin-, SCA1, stem cell antigen 1; FLT3, fms-related tyrosine kinase 3; N-cad, N-cadherin; SCF, stem cell factor also known as KIT ligand; TIE2, tyrosine kinase receptor 2; Axl, Axl tyrosine kinase; EphA2, EphA2 tyrosine kinase; SLC1A1, SLC1A1, sodium-dependent glutamate transporter; Prx1, Peroxisidin 1; Cx12, gap junction protein; Hsp90, 78 kDa glucose-regulated protein precursor; Hsp90, subunit and heat shock cognate 71 kDa protein, an oncogene protein; Tsp1, transcriptionally controlled human protein or TSP-1, p15, P15, P16, P17, P19, P21, P27, P29, P30, P33, P35, P39, P40, P42, P44, P45, P47, P49, P51, P53, P55, P57, P59, P63, P65, P67, P69, P71, P73, P75, P77, P79, P81, P83, P85, P87, P89, P91, P93, P95, P97, P99, P101, P103, P105, P107, P109, P111, P113, P115, P117, 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