

Biorepository name	Vocabulary identifier	DCC Document ID	DCG Library ID	DCG BioSample ID	GCC File ID	Adult_Agegroup_ID	Adult_Library_ID	Adult_Biospecimen_ID	Adult_Indicators	System	Subsystem	Origin	Biosample type	Biological state	Genotype	Description	Growth stage	Age	Sex	Ethnicity	Donor ID	Unique cellular condition	Unique Figure ID	Biobank protocol	Experiment protocol	Library method	Library cleanup	Disease unmt.	Amount Nucleic Acid (ug)	Protein inhibitor	Library sequencing date	Reads used	DCC SIGHT score	DCG BioSpecs	Diseases in index
GMO690	ENCSR000EMQ	ENCLB4352Z	ENCSB057ENC	ENCF793CT0	AG5636	LN1203	DS7748	DS7784	Hepatocellular carcinoma	Adult	15Y	M	1	Biobank protocol	Experiment protocol	Surose	50	0	2009-02-23	138926342	0.8588	89748	89235												
hTH1	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795KOF	AG5634	LN1222	DS7840		Hematopoietic T-cell	Adult	25Y	F	1	Biobank protocol	Experiment protocol	Surose	6	534.9	2007-06-06	149158633	0.847	94360	93665												
H48	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795PAP	AG4218	LN1204	DS7820		Genitourinary Uterus	Adult	31Y	F	1	Biobank protocol	Experiment protocol	Surose	4	50	2007-06-24	2317274	0.849	90524													
CA002	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795PAP	AG4218	LN1204	DS7820		Genitourinary Uterus	Adult	72Y	M	1	Biobank protocol	Experiment protocol	Surose	8	1	2007-07-05	22701569	0.819	29994	29724												
CA002	ENCSR000EIQ	ENLB8432Z	ENCSB045JY	ENCF721NR	AG4217	LN1208	DS8416	Digestive Colon	Cancer	Adult	30	DS8416	0	Biobank protocol	Experiment protocol	Surose	5	5.1	2007-10-19	2051569	0.8677	40438	39746												
SKN9H	ENCSR000EPZ	ENLB8952Z	ENCSB0799U	ENCF752WUL	AG4216	LN1310	DS8425	Nervous Brain	Cancer	Adult	47Y	F	0	Biobank protocol	Experiment protocol	Surose	6	12.9	2007-11-28	27515149	0.4997	51999	51575												
SKN9H	ENCSR000EPZ	ENLB8952Z	ENCSB0404C	ENCF735IGE	AG5635	LN1312	DS8482	Nervous Brain	Cancer	Adult	47Y	F	1	Biobank protocol	Experiment protocol	Surose	1	1.9	2009-02-25	155458024	0.8813	116131	115476												
HMEC	ENCSR000EIQ	ENLB8952Z	ENCSB0906C	ENCF702VBN	AG4215	LN1360	DS8480	Epithelial Endothelial	Mammmary Mammary	Primary	Adult	50Y	F	Cauc	Biobank protocol	Experiment protocol	new Surose	6	1.2	2008-02-04	3085330	0.4415	7130	7098											
GM12878	ENCSR000EMT	ENLB8912Z	ENCSB045AA	ENCF785V7A	AG5634	LN1414	DS8474	Hematopoietic Lymphoid	Blood	Immortalized Lines	Mesoderm	Lymphoblastoid	Adult	U	0	Biobank protocol	Experiment protocol	new Surose	200	15	2008-07-25	2049962	0.8644	30405	30327										
HEK	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795PAP	AG5634	LN1414	DS8474	Hematopoietic Lymphoid	Blood	Immortalized Lines	Mesoderm	Lymphoblastoid	Adult	U	0	Biobank protocol	Experiment protocol	new Surose	160	24.1	2008-07-25	2033000	0.5171	51071	50701										
K562	ENCSR000EIQ	ENLB8952Z	ENCSB039NC	ENCF745XU	AG5631	LN1691	DS9767	Hematopoietic Erythroid	Blood	Cancer	Mesoderm	Myeloid	Adult	53Y	F	0	Biobank protocol	Experiment protocol	PE	10	0	2008-09-29	115937366	0.8568	120976	120549									
PANC1	ENCSR000EPF	ENLB8973Z	ENCSB0799T	ENCF749YH	AG5633	LN1753	DS9769	Digestive Colon	Cancer	Adult	56Y	M	0	Biobank protocol	Experiment protocol	new Surose	80	24.8	2008-11-19	2033030	0.4107	3245	32800												
PANC1	ENCSR000EPF	ENLB8973Z	ENCSB045ZJ	ENCF749NZT	AG4217	LN1782	DS9865	Digestive Colon	Cancer	Adult	56Y	M	1	Biobank protocol	Experiment protocol	new Surose	44	0	2008-11-19	2033030	0.4441	34396	34196												
HEK53	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795V7A	AG5631	LN1791	DS9881	Connective Skin	Immortalized Lines	Mesoderm	Epithelial	Adult	31Y	F	0	Biobank protocol	Experiment protocol	new Surose	77	0	2008-12-05	27033860	0.7089	71071	70933										
BU	Stromal A	ENCSR000EIQ	ENLB8432Z	ENCSB1312C	ENCF721FHU	AG5632	LN1809	DS10081	Connective	Immortalized Lines	Mesoderm	Unspecified	Neonatal	M	0	Biobank protocol	Experiment protocol	new Surose	60	24.6	2008-12-10	38383314	0.4182	17508	17482										
BUVEC	Vascular endothelial	ENCSR000EQQ	ENLB8832Z	ENCSB1120C	ENCF745WU	AG5632	LN1809	DS10081	Connective	Immortalized Lines	Mesoderm	Unspecified	Neonatal	M	0	Biobank protocol	Experiment protocol	new Surose	60	<2	2008-12-15	24336037	0.7395	6612	64957										
EESC	ENCSR000EME	ENLB8442Z	ENCSB045AA	ENCF745WU	AG5632	LN1809	DS10081	Connective	Immortalized Lines	Mesoderm	Unspecified	Embryo	ESCs	0	Biobank protocol	Experiment protocol	PE	13	0	2009-01-21	20475547	0.3782	38270	38181											
SAEC	ENCSR000EIQ	ENLB8912Z	ENCSB057GRD	ENCF721FHU	AG5634	LN1814	DS1016	Respiratory Lung	Primary	Adult	28Y	M	Cauc	Biobank protocol	Experiment protocol	PE	microcon	6.8	0	2009-03-20	22265561	0.6461	66215	66145											
Cancer / epithelial	ENCSR000EIQ	ENLB8912Z	ENCSB045AA	ENCF795V7A	AG5632	LN1814	DS1016	Respiratory Lung	Primary	Adult	28Y	M	Cauc	Biobank protocol	Experiment protocol	PE	microcon	7.5	0	2009-03-20	22265561	0.5955	3633	36248											
HRE	ENCSR000EQL	ENLB8532Z	ENCSB045AA	ENCF795V7A	AG5632	LN1814	DS1016	Respiratory Lung	Primary	Adult	U	0	Biobank protocol	Experiment protocol	PE	microcon	16.8	0	2009-04-02	24157647	0.4311	67607	67513												
HRE	ENCSR000EQL	ENLB8542Z	ENCSB056E	ENCF710WHR	AG5632	LN1813	DS1016	Respiratory Lung	Primary	Adult	U	0	Biobank protocol	Experiment protocol	PE	microcon	14.7	0	2009-04-02	26911625	0.4303	71788	71478												
HRCE	ENCSR000EQL	ENLB8542Z	ENCSB0286KU	ENCF745WU	AG5632	LN1813	DS1016	Respiratory Lung	Primary	Adult	12Y	M	Cauc	Biobank protocol	Experiment protocol	PE	microcon	42.5	0	2009-04-03	22097570	0.6171	71425	71332											
Renal	ENCSR000EQL	ENLB8542Z	ENCSB0286KU	ENCF745WU	AG5632	LN1813	DS1016	Respiratory Lung	Primary	Adult	U	0	Biobank protocol	Experiment protocol	PE	microcon	>2ng	0	2009-04-03	26711207	0.4348	36282	36105												
Juve	ENCSR000EIQ	ENLB8912Z	ENCSB050KL	ENCF748CLW	AG5634	LN1819	DS1020	Hematopoietic T-cell	Primary	Adult	25Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	8.5	0	2009-04-14	209684267	0.3065	73841	73866											
HT1H17	ENCSR000EIQ	ENLB8972Z	ENCSB044AA	ENCF795V7A	AG5632	LN1820	DS1020	Hematopoietic T-cell	Primary	Adult	25Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	8.5	0	2009-04-14	2071454	0.4733	571	5707											
C374	ENCSR000EVG	ENLB8952Z	ENCSB020FU	ENCF785YQZ	AG5634	LN1820	DS1020	Hematopoietic Progenitor	Primary	Adult	36Y	M	Hip	RD 01508	0	Biobank protocol	Experiment protocol	PE-I	1	0	2009-06-03	24291720	0.4733	5710	5707										
NHEK	ENCSR000EIQ	ENLB8952Z	ENCSB051NSC	ENCF795PSD	AG4197	LN1828	DS1047	Hematopoietic Progenitor	Primary	Adult	45Y	F	Cauc	Biobank protocol	Experiment protocol	PE-I	microcon	120	2.4	2009-07-08	23840035	0.3707	51648												
NHEK	ENCSR000EIQ	ENLB8952Z	ENCSB051NSC	ENCF795PSD	AG4197	LN1829	DS1047	Hematopoietic Progenitor	Primary	Adult	45Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	120	2.4	2009-07-15	32221880	0.304	56943	56705											
HCont	ENCSR000EIQ	ENLB8952Z	ENCSB051NSC	ENCF795PSD	AG4197	LN1830	DS1047	Hematopoietic Progenitor	Primary	Adult	45Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	120	2.4	2009-07-24	30226263	0.4045	69579	69359											
HCont	ENCSR000EIQ	ENLB8952Z	ENCSB051NSC	ENCF795PSD	AG4197	LN1831	DS1047	Hematopoietic Progenitor	Primary	Adult	45Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	120	2.4	2009-07-24	30226263	0.4515	81795	81795											
C304	ENCSR000GATU	ENLB8948Z	ENCSB0797P	ENCF770PBM	AG5618	LN1832	DS1047	Hematopoietic Progenitor	Primary	Adult	30Y	M	Cauc	RD 01527	0	Biobank protocol	Experiment protocol	PE	microcon	24	0	2009-07-24	27440031	0.4291	63363	63367									
H6L0	ENCSR000EIQ	ENLB8912Z	ENCSB059E	ENCF785V7A	AG5632	LN1832	DS1047	Hematopoietic Myeloid Mesoderm	Cancer	Adult	36Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	120	2.4	2009-07-24	23840035	0.56	67053	67400											
HT_NSC_T14	ENCSR000EIQ	ENLB8912Z	ENCSB0532X	ENCF785V7A	AG5632	LN1832	DS1047	Hematopoietic Myeloid Mesoderm	Cancer	Adult	36Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	120	2.2	2009-07-24	2831632	0.3348	57394	57374											
Irrfan	Neuro	ENCSR000EIQ	ENLB8912Z	ENCSB0532X	ENCF785V7A	AG5632	LN1832	DS1047	Hematopoietic Myeloid Mesoderm	Cancer	Adult	36Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	100	11.8	2009-08-14	198183451	0.8929	249072	249270										
ENCSR000EIQ	ENLB8952Z	ENCSB0703WV	ENCF739VZ	AG5632	LN1833	DS1047	Hematopoietic Progenitor	Primary	Adult	36Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	100	11.8	2009-08-15	20703142	0.8928	68852	68656												
ENCSR000EIQ	ENLB8952Z	ENCSB0703WV	ENCF739VZ	AG5632	LN1834	DS1047	Hematopoietic Progenitor	Primary	Adult	36Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	100	11.8	2009-08-15	20703142	0.8928	68852	68656												
A0039	Stromal A	ENCSR000EIQ	ENLB8952Z	ENCSB0205NC	ENCF7440NU	AG4171	LN2044	DS1235	Connective Skin	Primary	Adult	27Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	160	3.7	2009-09-05	22242546	0.4801	52858	52183										
A0039	Stromal A	ENCSR000EIQ	ENLB8952Z	ENCSB0205NC	ENCF7440NU	AG4171	LN2045	DS1235	Connective Skin	Primary	Adult	27Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	160	3.7	2009-09-05	22242546	0.4801	52858	52183										
A0039	Stromal B	ENCSR000EIQ	ENLB8952Z	ENCSB0205NC	ENCF7440NU	AG4171	LN2046	DS1235	Connective Skin	Primary	Adult	27Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	160	18.5	2009-09-05	21067889	0.4810	16988	16989										
A0039	Stromal B	ENCSR000EIQ	ENLB8952Z	ENCSB0205NC	ENCF7440NU	AG4171	LN2047	DS1235	Connective Skin	Primary	Adult	27Y	F	Cauc	Biobank protocol	Experiment protocol	PE	microcon	160	7.3															

Biorepository name	Vocabulary identifier	DCC Specimen ID	DCC Library ID	DCC StorageID	GCC File ID	Adult_Agegroup_ID	Adult_Library_ID	Adult_BiobankID	Replicate indicators	System	Subsystem	Origin	Biobank type	Biological state	Genotype	Description	Growth stage	Age	Sex	Ethnicity	Donor ID	Unique cellular condition	Unique Figure ID	Biobank protocol	Experiment protocol	Library method	Library cleanup	Disease unmt.	Ancient Human Acid Eng	Protein inhibitor	Library sequencing date	Reads used	DCC SIGHT score	Parasimile plate	Diffs in index
HMVEC_d4d	ENCSR000ENK	ENCLB4972ZC	ENCS121AAA	ENCF7925XSC0	AG4132	LN2667	DS12957	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Embryo	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	31.2	2009-11-16	22028913	0.9993	65076	64979								
HMVEC_dlyN	ENCSR000EBG	ENLB940Z2Z	ENCS191MUP	ENCF720S0E	AG4131	LN2724	DS13146	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Lymphatic Microvascular Endothelial Cells	Embryo	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	15.9	2009-12-11	42419362	0.9328	9396	93823								
HMVEC_dlyN	ENCSR000EBG	ENLB940Z2Z	ENCS191MUP	ENCF720S0E	AG4131	LN2725	DS13146	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Lymphatic Microvascular Endothelial Cells	Embryo	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	17.3	2009-12-11	247948401	0.9857	1665590	185280								
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS191MUP	ENCF720S0E	AG4131	LN2726	DS13146	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Lymphatic Microvascular Endothelial Cells	Embryo	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	22.4	2009-12-16	240817497	0.9377	174493	174298								
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS191MUP	ENCF720S0E	AG4131	LN2727	DS13146	Cardiovascular	Vascular	Lung	Primary	Mesoderm	Adult Human Lung Lymphatic Microvascular Endothelial Cells	Embryo	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	16.4	2009-12-16	29726309	0.9449	7644	76303								
C034	ENCSR000EOE	ENLB911Z2Z	ENCS177PAA	ENCF728R0G	AG4128	LN2734	DS13185	Cardiovascular	Vascular	Lung	Primary	Mesoderm	Adult Human Lung Lymphatic Microvascular Endothelial Cells	Adult	23Y	F	Hip	Biobank protocol	Experiment protocol	PE	minIllum	160	16.4	2009-12-16	33396120	0.4462	68149	69094							
C034	ENCSR021HBB	ENLB620CPA	ENCS3202LRL	ENCF728FED	AG4116	LN2736	DS13199	Hematopoietic	Progenitor	Blood	Primary	Mesoderm	CD 34+ Hematopoietic progenitor cells	Adult	42Y	M	Cauc	RD 01562	Biobank protocol	PE	minIllum	120	3.4	2009-12-16	39240505	0.9366	73549	73443							
IMR90	ENCSR000EMV	ENLB947TRTP	ENLB947TRTP	ENCS0481HNF	ENCF747WCO	AG4142	LN2739	DS13229	Connective	Lung	Lines	Immortalized	Mesoderm Fibroblasts	Adult	16W	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	6.2	2009-12-18	22692059	0.9125	224111	223858							
IMR90	ENCSR000EMV	ENLB947TRTP	ENLB947TRTP	ENCS0481HNF	ENCF747WCO	AG4142	LN2743	DS13229	Connective	Lung	Lines	Immortalized	Mesoderm Fibroblasts	Adult	16W	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	1.1	2009-12-18	3170596	0.9125	83695	83695							
IMR90	ENCSR000EMV	ENLB947TRTP	ENLB947TRTP	ENCS0481HNF	ENCF747WCO	AG4142	LN2743	DS13229	Connective	Lung	Lines	Immortalized	Mesoderm Fibroblasts	Adult	16W	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50.1	2009-12-18	37714705	0.9303	99375	99375							
IMR90	ENCSR000EMV	ENLB947TRTP	ENLB947TRTP	ENCS0481HNF	ENCF747WCO	AG4142	LN2744	DS13233	Connective	Lung	Lines	Immortalized	Mesoderm Fibroblasts	Adult	16W	F	0	Biobank protocol	Experiment protocol	PE	minIllum	160	38.4	2009-12-18	263688525	0.9229	169303	167670							
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2749	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	56Y	F	Am-Am	1	Biobank protocol	Experiment protocol	PE	minIllum	160	12.9	2009-12-21	34374742	0.9887	8350	83400						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2749	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	56Y	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	8.3	2009-12-21	32669497	0.9582	77670	77690						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2750	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	38Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	23	2009-12-21	42380164	0.9817	105568	105522						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2750	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	38Y	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	2.2	2009-12-21	289144025	0.9011	99369	99369						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2751	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	16W	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	7.7	2009-12-21	88000000	PBS+A	2010-01-04	20593403	0.9141	73997	73900			
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2752	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	16W	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	34.7	2009-12-21	26652658	0.7852	271919	271624						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2753	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	20Y	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	34.7	2009-12-21	343853025	0.9492	190091	190533						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2754	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	16W	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	6.2	2009-12-21	4160822	0.9418	90221	90108						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2755	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	16W	F	Am-Am	0	Biobank protocol	Experiment protocol	PE	minIllum	160	5.2	2009-12-21	26591339	0.9544	89329	89237						
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2756	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	2nd Trimester	U	1	Biobank protocol	Experiment protocol	PE	minIllum	120	17	2009-12-21	265906223	0.9544	89329	89237							
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2757	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	2nd Trimester	U	1	Biobank protocol	Experiment protocol	PE	minIllum	120	20.6	2009-12-21	21709	213459									
HMVEC_dly	ENCSR000EBG	ENLB940Z2Z	ENCS3030EX	ENCF737WSA	AG4126	LN2758	DS13239	Cardiovascular	Vascular	Skin	Primary	Mesoderm	Adult Human Dermal Microvascular Endothelial Cells	Adult	2nd Trimester	U	1	Biobank protocol	Experiment protocol	PE	minIllum	160	17.2	2009-12-21	20500000	PBS+A	2010-01-05	26591205	0.9444	73700	73690				
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2759	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	43427149	0.9444	92421	92421						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2760	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	264983287	0.9547	257040	252028						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2761	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	5.1	2010-01-28	1774000	PBS+A	2010-02-25	2231758	0.625	61096	60908			
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2762	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2763	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2764	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2765	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2766	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2767	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2768	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2769	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesoderm	Adult Human Retinoblastoma	Child	1Y	F	Cauc	0	Biobank protocol	Experiment protocol	PE	minIllum	160	50	2010-01-28	26591205	0.9444	73700	73690						
WER1_Rb1	ENCSR000EQL	ENLB691Z2Z	ENCS7909M	ENCF728R0G	AG4104	LN2770	DS13681	Neuroepithelial	Teratocarcinoma	Eye	Primary	Mesod																							

User name	Vaccinology representative	CCS Experiment ID	CCS Library ID	CCS Barcode ID	CCS PCR ID	Anti-Aggregation ID	New Library ID	New Biosample ID	Replicates/Indicators	System	Pathway	Organ	Biosample type	Biological state	Derm layer	User-defined condition	Barcode Figure ID	Barcode protocol	Experiment protocol	Library # method	Library cleanup	Library orientation	Sample count	Sample Name/Actv (n/g)	Primer inhibitor	Library sequencing site	Reads used	CCG SPOT score	bioRxiv preprint	bioRxiv index
Heart		ENCSR038NGW	ENCLB74049H	ENCS0312JUA	ENCF918JFM	A0912	ND402	DS15839	Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Heart	Fetal	96D	M	N2468	0	22	4000000	A-Gross	2010-07-20	2434995	0.4732	17801	17466		
CD4		ENCSR038QHI	ENCLB554DT	ENCS1172Z	ENCF337KMH	A0911	ND404	DS15947	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	CD+ cells	Adult	33Y	F	Cauc	RO101549	0	37	5040000	Buffer_A	2010-08-20	3185051	0.4149	30005	30409	
Heart		ENCSR14D0H	ENCLB427PP	ENCS1740V	ENCF848WV	A0910	ND409	DS16018	Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Heart	Fetal	103D	F	N2500	1	30	4150000	A-Gross	2010-08-02	2392816	0.5722	32114	31782		
Intestine,_Lg		ENCSR00Q0D	ENCLB0509Q	ENCS1057JAX	ENCF89F1Y	A09108	ND313	DS16027	Digestive	Large Intestine	Primary	Primary	Primary	Endoderm	Intestine,_Lg	Fetal	103D	F	H2300	1	50	18.8	4500000	Buffer_A	2010-08-02	2564012	0.3379	28563	28368	
Kidney		ENCSR049PZ	ENCLB6652Z	ENCS1550Q	ENCF7201VY	A09107	ND372	DS16139	Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Kidney	Fetal	105D	M	N2524	0	30	36.6	780000	A-Score	2010-08-02	3058177	0.4095	27789	27778	
Heart		ENCSR049PZ	ENCLB6652Z	ENCS1550Q	ENCF7201VY	A09107	ND372	DS16139	Cardiovascular	Cardiac	Heart	Primary	Primary	Mesoderm	Kidney	Fetal	105D	M	H23024	0	20	26.0	4500000	Buffer_A	2010-08-02	323399	0.5545	52451	52451	
Intestine,_Lg		ENCSR011HP	ENCLB353RQ	ENCS1732C	ENCF744Z	A09105	ND384	DS16144	Digestive	Large Intestine	Primary	Primary	Primary	Endoderm	Intestine,_Lg	Fetal	105D	M	H23024	0	14	7.4	780000	A-Score	2010-08-10	201658	0.4823	24511	24511	
CD56		ENCSR179PPY	ENCLB253CQ	ENCS1951ZC	ENCF744W	A09103	ND385	DS16132	Nervous	Brain	Primary	Primary	Primary	Endoderm	Brain	Fetal	142D	F	N2348	1	50	5.8	578000	A-Score	2010-08-10	3418592	0.5488	52540	52540	
Kidney		ENCSR172ZG	ENCLB293QS	ENCS1937Y	ENCF746H	A09103	ND385	DS16137	Hematopoietic	Blood	Primary	Primary	Primary	Mesoderm	CD38	Adult	34Y	F	Cauc	RO11680	0	254	720000	Buffer_A	2010-08-25	3447921	0.3097	35943	35662	
Kidney,_Lg		ENCSR172ZP	ENCLB293QS	ENCS1937Y	ENCF746H	A09103	ND385	DS16137	Hematopoietic	Blood	Primary	Primary	Primary	Mesoderm	Kidney	Fetal	147D	F	H2389	1	50	18.4	581000	A-Score	2010-08-30	3752612	0.3647	47328	47071	
Kidney,_R		ENCSR172ZP	ENCLB293QS	ENCS1937Y	ENCF746H	A09103	ND385	DS16141	Hematopoietic	Blood	Primary	Primary	Primary	Mesoderm	Kidney	Fetal	147D	F	H2389	1	50	24.4	802000	Buffer_A	2010-08-30	3752612	0.3647	47328	47071	
Thymus		ENCSR142PQ	ENCLB181WU	ENCS1982XOA	ENCF748W	A09103	ND385	DS16144	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Thymus	Fetal	147D	F	H2389	1	50	31	780000	A-Score	2010-08-30	3752612	0.3647	47328	47071	
Stomach		ENCSR172ZP	ENCLB181WU	ENCS1982XOA	ENCF748W	A09103	ND385	DS16144	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Stomach	Fetal	147D	F	H2389	1	50	31	780000	A-Score	2010-08-30	3752612	0.3647	47328	47071	
Intestine,_Sm		ENCSR03F3R	ENCLB174DA	ENCS1517YQ	ENCF725SC	A09098	ND373	DS16130	Digestive	Small Intestine	Primary	Primary	Primary	Endoderm	Intestine,_Sm	Fetal	110D	F	N2304	1	50	6.4	5130000	Buffer_A	2010-09-07	2920436	0.3537	3327	32928	
Intestine,_Lg		ENCSR141YL	ENCLB180WQ	ENCS1934ZV	ENCF726BM	A09098	ND373	DS16130	Digestive	Large Intestine	Primary	Primary	Primary	Endoderm	Intestine,_Lg	Fetal	110D	F	H2304	1	50	28.4	6510000	Buffer_A	2010-09-07	6917100	0.3931	88343	88005	
Lung,_R		ENCSR03F3R	ENCLB174DA	ENCS1517YQ	ENCF725SC	A09098	ND373	DS16130	Digestive	Respiratory	Primary	Primary	Primary	Endoderm	Intestine,_Sm	Fetal	110D	F	N2304	1	50	10.5	780000	A-Score	2010-09-07	3752612	0.3647	47328	47071	
Intestine,_Lg		ENCSR03F3R	ENCLB174DA	ENCS1517YQ	ENCF725SC	A09098	ND373	DS16130	Digestive	Respiratory	Primary	Primary	Primary	Endoderm	Intestine,_Lg	Fetal	110D	F	H2304	1	50	7.4	780000	A-Score	2010-09-07	3752612	0.3647	47328	47071	
Kidney		ENCSR174XT	ENCLB174ZQ	ENCS1707SQ	ENCF731O	A09098	ND373	DS16130	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Kidney	Fetal	142D	F	N2348	1	50	5.8	578000	A-Score	2010-09-07	3752612	0.3647	47328	47071	
CD56		ENCSR03F3R	ENCLB174ZQ	ENCS1707SQ	ENCF731O	A09098	ND373	DS16130	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	CD38	Adult	34Y	F	Cauc	RO11680	0	25	720000	Buffer_A	2010-09-07	3752612	0.3647	47328	47071	
Kidney,_Lg		ENCSR174XT	ENCLB174ZQ	ENCS1707SQ	ENCF731O	A09098	ND373	DS16130	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Kidney	Fetal	142D	F	N2348	1	50	11.8	6600000	Buffer_A	2010-09-07	3487912	0.3818	36542	37949	
Heart		ENCSR189YQ	ENCLB194PE	ENCS1516AC	ENCF769CRZ	A09098	ND373	DS16130	Hematopoietic	T-cell	Blood	Primary	Primary	Mesoderm	Heart	Fetal	110D	F	N2304	1	50	35	848000	A-Score	2010-09-07	3752612	0.3647	47328	47071	
H55		ENCSR030EEM	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Human Stem cell line HS-5	Adult	30Y	M	Cauc	DS16597	1	50	72	630000	PBSA	2010-09-14	3893301	0.4937	8472	84191
HS57		ENCSR030EEM	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Human Stem cell line HS-27a	Adult	30Y	M	Cauc	DS16597	1	50	30	63000	PBSA	2010-09-14	3414714	0.4538	62391	62181
Heart		ENCSR142PQ	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Human Stem cell line HS-27a	Adult	10D	M	N2304	1	50	7.2	80000	A-Score	2010-09-14	3414714	0.4538	62391	62181	
Intestine,_Sm		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	10D	M	N2304	1	50	1.1	8000	A-Score	2010-09-14	3414714	0.4538	62391	62181	
Intestine,_Lg		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Lg	Adult	10D	M	N2304	1	50	1.1	8000	A-Score	2010-09-14	3414714	0.4538	62391	62181	
Kidney		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Kidney	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
CD56		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Erythroid	Adult	50Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney,_Lg		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Erythroid	Adult	50Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Sm		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Lg		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Lg	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
CD56		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Kidney	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Sm		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Lg		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Lg	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney,_Lg		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Kidney	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
CD56		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney,_R		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Kidney	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Sm		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Intestine,_Lg		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Lg	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Kidney	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
CD56		ENCSR03F3R	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Sm	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A	2010-09-14	3414714	0.4538	62391	62181
Kidney,_Lg		ENCSR174ZT	ENCLB182ZC	ENCS1901NC	ENCF780R	A09098	ND373	DS16130	Connective	Stroma	Lines	Primary	Primary	Mesoderm	Intestine,_Lg	Adult	21Y	M	Cauc	RO11679	0	1	80	600000	Buffer_A</td					

Biological name	Vocabulary identifier	DCC Experiment ID	DCC Library ID	DCC Biostorage ID	DCC File ID	Altur_Aggregation ID	Altur_Library ID	Altur_Biostorage ID	Replicate indicators	System	Subsystem	Origin	Biomechanical type	Biological state	Genotype	Description	Growth stage	Age	Sex	Birth city	Donor ID	Unique cellular condition	Unique Figure ID	Biostorage protocol	Experiment protocol	Library # method	Library cleanup	Disease unmt.	Amount biotic Acid eqv	Protein inhibitor	Library sequencing date	Reads used	DCC SPOT score	Parasitome peers	DCC SPOT index
IRe7mo	Neural	ENCSR821ENC	ENCLB507LHG	ENCSB398FR	ENCF1637AC	AG3878	LN020451	DS2341	Nervous	Eye	Primary	Endoderm	Retina	Fetal	74D	F	1	Biosample protocol	Experiment protocol	Mondrial Surose	100	9.3	3600000	A+Surrose	2013-01-30	315936308	0.581	159199	156520						
IRe7mo	Neural	ENCSR847A0ZG	ENLB199JVB	ENCSB397YPR	ENCF1429VTR	AG3877	LN020458A	DS2308A	Nervous	Eye	Primary	Endoderm	Retina	Fetal	125D	M	1	Biosample protocol	Experiment protocol	Mondrial Surose	100	20	8040000	A+Surrose	2013-02-06	244036056	0.7	130725	129624						
ELF_1	Primitive / embryonic	ENCSR897BL8M	ENLB199JVB	ENCSB397YPR	ENCF1208VTR	AG0551	LN020459	DS23278	Embryonic	Germ	Lines	ESC	Precursor	Fetal	U	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	100	20	7100000	A+Surrose	2013-02-06	215927167	0.610	168136	167826						
ELF_1	Primitive / embryonic	ENCSR897BL8M	ENLB199JVB	ENCSB397YPR	ENCF1597VTR	AG3278	LN020478	DS23427	Embryonic	Germ	Lines	ESC	Precursor	Fetal	U	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	100	20	6300000	PBS+A	2013-02-06	154225078	0.622	5078	5228						
HT_1080	Myeloid / erythroid	ENCSR009FDX	ENLB132VZY	ENCSB313AA	ENCF1857MPB	AG0515	LN020479	DS23427	DS23466	Connective	Cancer	Cancer	Mesoderm	Fibrosarcoma	Adult	35Y	M	1	Biosample protocol	Experiment protocol	Mondrial Surose	140	9.35	7150000	PBS+A	2013-02-26	377176596	0.465	197194	199072					
KBM7	Myeloid / erythroid	ENCSR420EIA	ENLB192DZC	ENCSB315DC	ENCF149VXT	AG3838	LN020483	DS23353	Hematopoietic	Myeloid	Blood	Cancer	Cancer	Mesoderm	Clone P0174E07 (Haplogen)	Adult	40Y	M	1	Biosample protocol	Experiment protocol	Mondrial Surose	80	9.5	1448000	PBS+A	2013-03-06	20104281	0.612	149137	148738				
Brain_ Hippocampus	Neural	ENCSR58LZZ	ENLB194PRA	ENCSB322PZ	ENCF1740RHO	AG3881	LN020484	DS23441	Nervous	Brain	Primary	Endoderm	Brain_Hippocampus (Ammon's Horn)	Adult	84Y	M	UWA498	Protocol	Mondrial Surose	60	1	13600000	PBS+A	2013-03-06	9076681	0.5272	119041	118997							
Brain_ Cerebellum_ cerebellum	Neural	ENCSR58LZZ	ENLB194PRA	ENCSB322PZ	ENCF1740RHO	AG3881	LN020484	DS23441	Nervous	Brain	Primary	Endoderm	Brain_Cerebellum (Cerebellum)	Adult	84Y	M	UWA498	Protocol	Mondrial Surose	70	594000	Surose HLB	2013-03-07	3447867025	0.381	140795	140200								
EH	Stromal A	ENCSR548MM	ENLB193OEA	ENCSB324PZ	ENCF1859MOS	AG3234	LN020490	DS23553	Connective	Skin	Lines	Immunol	Mesoderm	Adherent BJ-Tert cell line	Adult	54Y	M	UWA498	Protocol	Mondrial Surose	100	9.3	1180000	A+Surrose	2013-03-11	52962697	0.169	10777	10692						
EH	Stromal B	ENCSR548MM	ENLB172P1KE	ENCSB307WLP	ENCF1885SKC	AG3288	LN020491	DS23559	Connective	Skin	Lines	Immunol	Mesoderm	Adherent BJ-Tert cell line	Neonatal	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	140	21	1260000	PBS+A	2013-03-11	56311204	0.784	249414	249132						
MCF10a_ER_SRCC	Cancer / epithelial	ENCSR382SD	ENLB169JVB	ENCSB317TEP	ENCF1813TBP	AG3195	LN020494	DS22880	Epithelial	Mammary	Cancer	Endoderm	Mammary epithelial cells	Adult	36Y	F	0	Biosample protocol	Experiment protocol	Mondrial Surose	100	21	1190000	PBS+A	2012-10-26	228823814	0.389	236984	236742						
Cellular_ Cortex	Neural	ENCSR501SHB	ENLB194WAS	ENCSB356FZ	ENCF1771SSP	AG3756	LN020503A	DS23661A	Nervous	Brain	Primary	Endoderm	Cerebral_Cortex	Adult	75Y	M	UWA479	Protocol	Mondrial Surose	80	19.3	1230000	Surose HLB	2013-03-28	33062602	0.344	18868	18868							
HT_1080	Myeloid / erythroid	ENCSR009FDX	ENLB132VZY	ENCSB313AA	ENCF1857MPB	AG0515	LN020479	DS23427	DS23466	Connective	Cancer	Cancer	Mesoderm	Fibrosarcoma	Adult	30Y	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	140	9.35	715000	PBS+A	2013-02-26	377176596	0.465	197194	199072					
KBM7	Myeloid / erythroid	ENCSR420EIA	ENLB192DZC	ENCSB315DC	ENCF149VXT	AG3838	LN020483	DS23353	Hematopoietic	Myeloid	Blood	Cancer	Cancer	Mesoderm	Clone P0174E07 (Haplogen)	Adult	40Y	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	60	1	13600000	PBS+A	2013-03-06	9076681	0.5272	119041	118997				
Brain_ Hippocampus	Neural	ENCSR58LZZ	ENLB194PRA	ENCSB322PZ	ENCF1740RHO	AG3881	LN020484	DS23451A	Nervous	Brain	Primary	Endoderm	Brain_Hippocampus (Ammon's Horn)	Adult	84Y	M	UWA498	Protocol	Mondrial Surose	70	594000	Surose HLB	2013-03-07	3447867025	0.381	140795	140200								
EH	Stromal A	ENCSR548MM	ENLB193OEA	ENCSB324PZ	ENCF1859MOS	AG3234	LN020490	DS23553	Connective	Skin	Lines	Immunol	Mesoderm	Adherent BJ-Tert cell line	Adult	54Y	M	UWA498	Protocol	Mondrial Surose	140	1.4	1260000	PBS+A	2013-03-11	52962697	0.169	10777	10692						
EH	Stromal B	ENCSR548MM	ENLB193OEA	ENCSB324PZ	ENCF1859MOS	AG3234	LN020490	DS23553	Connective	Skin	Lines	Immunol	Mesoderm	Adherent BJ-Tert cell line	Neonatal	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	140	21	1260000	PBS+A	2013-03-11	56311204	0.784	249414	249132						
G101	Myeloid / erythroid	ENCSR009FDX	ENLB192DZC	ENCSB315DC	ENCF1740RHO	AG3881	LN020491	DS23451A	Hematopoietic	Myeloid	Blood	Cancer	Cancer	Mesoderm	Clone P0174E07 (Haplogen)	Adult	40Y	M	0	Biosample protocol	Experiment protocol	Mondrial Surose	140	9.35	715000	PBS+A	2013-02-26	377176596	0.465	197194	199072				
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	84Y	M	UWA498	Protocol	Mondrial Surose	90	20	6450000	Surose HLB	2013-02-06	32460522	0.138	6116	6039							
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCSB3057C	ENCF1885PBC	AG3289	LN020492	DS23450A	Connective	Cancer	Primary	Endoderm	Brain_Globus_Pallidus	Adult	80	10	4000000	A+Surrose	2013-02-06	32460522	0.138	6116	6039												
CD103_7D	Myeloid / erythroid	ENCSR098TCB	ENLB192DZC	ENCS																															

