

Supplementary Table 1. Endometrial Cancer and Normal epithelial tissue expression data.

Affymetrix GeneChip™ Human Genome U133 Plus 2.0 Array signals were normalized to target value of 500 using MAS 5.0 algorithm.

The transcripts 201122_x_at and 220198_s_at were found to target longest part of the genes eIF5A1 and eIF5A2 respectively.

Sample	Histology	FIGO Stage: I, II, III, IV	Stage	Grade	eIF5A1: 201122_x_at	eIF5A1: 201123_s_at	eIF5A1- 5'end: 213753_x_at	eIF5A2: 220198_s_at	eIF5A2- 5'end: 235289_at	eIF5A2- 5'end: 235296_at
E1	Endometrioid	IA	Early	G1	1550	661	1109	251	406	705
E2	Endometrioid	IA	Early	G1	1435	429	1086	108	56	199
E3	Endometrioid	IA	Early	G3	1568	834	1260	110	107	89
E4	Endometrioid	IA	Early	G3	2163	1456	1360	64	4	2
E5	Endometrioid	IA	Early	G3	962	336	1013	53	75	134
E6	Endometrioid	IA	Early	G2	1334	265	1310	31	65	4
E7	Endometrioid	IA	Early	G2	1077	190	670	44	79	100
E8	Endometrioid	IA	Early	G2	595	334	541	175	250	570
E9	Endometrioid	IA	Early	G2	1155	757	744	8	7	32
E10	Endometrioid	IA	Early	G1	654	134	508	151	285	427
E11	Endometrioid	IA	Early	G2	700	740	442	14	56	35
E12	Endometrioid	IA	Early	G1	990	171	1010	14	134	181
E13	Endometrioid	IA	Early	G2	1444	826	992	17	18	16
E14	Endometrioid	IA	Early	G2	1186	687	714	75	42	161
E15	Endometrioid	IA	Early	G1	1626	1270	811	13	8	40
E16	Endometrioid	IA	Early	G1	647	156	558	14	102	190
E17	Endometrioid	IA	Early	G2	1482	1076	926	143	90	346
E18	Endometrioid	IA	Early	G2	2127	552	1317	60	25	115
E19	Endometrioid	IA	Early	G1	2160	839	1345	22	4	11
E20	Endometrioid	IA	Early	G1	1066	255	633	13	53	106
E21	Endometrioid	IA	Early	G1	1071	382	989	48	10	45
E22	Endometrioid	IA	Early	G3	959	616	582	8	13	27
E23	Endometrioid	IA	Early	G1	1071	353	523	330	678	949
E24	Endometrioid	IA	Early	G2	1533	183	1218	90	59	205
E25	Endometrioid	IB	Early	G3	925	189	459	148	389	1083
E26	Endometrioid	IB	Early	G1	733	59	848	11	113	93
E27	Endometrioid	IB	Early	G2	1286	286	1275	57	43	52
E28	Endometrioid	IB	Early	G1	830	44	1051	65	5	35
E29	Endometrioid	IB	Early	G2	522	172	546	6	1	37
E30	Endometrioid	IB	Early	G2	1798	520	1457	48	16	54
E31	Endometrioid	IB	Early	G1	2063	220	1904	75	58	46
E32	Endometrioid	IB	Early	G1	772	202	424	47	28	79
E33	Endometrioid	IB	Early	G3	1678	291	1613	9	32	55
E34	Endometrioid	IB	Early	G2	900	169	1068	22	10	41
E35	Endometrioid	IB	Early	G2	765	253	420	41	48	53
E36	Endometrioid	IB	Early	G1	1193	445	942	65	5	49
E37	Endometrioid	IB	Early	G2	708	309	676	133	313	681
E38	Endometrioid	IB	Early	G2	1886	921	1052	9	4	96
E39	Endometrioid	IB	Early	G2	720	127	646	43	32	95
E40	Endometrioid	IB	Early	G1	651	300	646	55	8	63
E41	Endometrioid	IB	Early	G1	1174	171	573	13	50	86
E42	Endometrioid	IB	Early	G2	830	137	530	55	95	47
E43	Endometrioid	IB	Early	G2	419	143	987	8	65	161
E44	Endometrioid	IB	Early	G1	903	415	503	273	428	702
E45	Endometrioid	IB	Early	G1	924	812	802	284	443	923
E46	Endometrioid	IB	Early	G2	481	430	296	232	512	1160
E47	Endometrioid	IB	Early	G3	881	374	488	65	23	96
E48	Endometrioid	IB	Early	G2	1950	727	1043	69	6	191
E49	Endometrioid	IB	Early	G3	2149	1918	658	5	11	44
E50	Endometrioid	IB	Early	G1	1077	324	393	94	44	50
E51	Endometrioid	IB	Early	G2	985	207	694	84	123	193
E52	Endometrioid	IB	Early	G2	2034	383	1493	10	7	15
E53	Endometrioid	IB	Early	G2	1597	364	1048	10	62	117
E54	Endometrioid	IB	Early	G3	954	50	732	98	160	255
E55	Endometrioid	IB	Early	G3	1112	732	826	91	79	155
E56	Endometrioid	IB	Early	G2	979	429	651	132	356	473
E57	Endometrioid	IB	Early	G1	587	364	577	90	27	116
E58	Endometrioid	IB	Early	G1	1550	125	2080	116	29	174
E59	Endometrioid	IB	Early	G1	1472	349	706	28	73	60
E60	Endometrioid	IB	Early	G1	945	182	457	50	358	254

E61	Endometrioid	IB	Early	G2	1093	534	526	217	262	449
E62	Endometrioid	IB	Early	G2	1187	146	515	26	54	92
E63	Endometrioid	IB	Early	G1	958	306	703	30	46	81
E64	Endometrioid	IB	Early	G2	1476	739	725	58	25	55
E65	Endometrioid	IB	Early	G1	1346	276	1090	44	3	52
E66	Endometrioid	IB	Early	G1	471	93	609	168	696	778
E67	Endometrioid	IB	Early	G1	1401	569	825	102	77	39
E68	Endometrioid	IB	Early	G2	682	113	725	42	79	171
E69	Endometrioid	IB	Early	G1	1511	394	894	97	65	87
E70	Endometrioid	IB	Early	G1	816	279	395	26	131	198
E71	Endometrioid	IB	Early	G3	1631	821	1062	41	45	48
E72	Endometrioid	IB	Early	G2	2239	354	2053	60	44	66
E73	Endometrioid	IB	Early	G2	1577	208	752	304	403	1009
E74	Endometrioid	IB	Early	G3	947	606	629	122	83	195
E75	Endometrioid	IB	Early	G1	1779	217	972	44	9	76
E76	Endometrioid	IB	Early	G2	1330	715	546	50	7	57
E77	Endometrioid	IB	Early	G2	714	282	542	10	35	46
E78	Endometrioid	IB	Early	G1	1971	778	791	35	5	40
E79	Endometrioid	IB	Early	G3	903	334	548	50	41	76
E80	Endometrioid	IB	Early	G2	1084	185	609	71	2	7
E81	Endometrioid	IB	Early	G1	1803	786	1451	62	146	249
E82	Endometrioid	IB	Early	G1	1446	374	737	116	72	154
E83	Endometrioid	IB	Early	G1	813	353	364	198	471	861
E84	Endometrioid	IB	Early	G1	794	346	578	108	112	310
E85	Endometrioid	IB	Early	G3	1254	579	806	44	29	70
E86	Endometrioid	IB	Early	G1	2300	648	1036	85	70	124
E87	Endometrioid	IC	Early	G3	1325	53	1346	77	62	59
E88	Endometrioid	IC	Early	G2	994	367	498	61	45	102
E89	Endometrioid	IC	Early	G3	1493	484	753	96	44	73
E90	Endometrioid	IC	Early	G3	871	390	326	75	108	148
E91	Endometrioid	IC	Early	G2	1619	392	1052	62	29	105
E92	Endometrioid	IC	Early	G2	977	296	993	58	53	69
E93	Endometrioid	IC	Early	G2	1264	348	993	42	3	23
E94	Endometrioid	IC	Early	G2	1875	777	1082	12	6	54
E95	Endometrioid	IC	Early	G2	1726	676	1212	33	29	45
E96	Endometrioid	IC	Early	G1	2876	525	3244	8	36	110
E97	Endometrioid	IC	Early	G1	1182	203	688	213	324	675
E98	Endometrioid	IC	Early	G2	984	270	448	119	169	305
E99	Endometrioid	IC	Early	G2	998	83	1572	28	387	117
E100	Endometrioid	IC	Early	G3	1242	972	837	30	35	60
E101	Endometrioid	IC	Early	G2	913	691	507	40	62	144
E102	Endometrioid	IC	Early	G2	1589	451	755	77	10	40
E103	Endometrioid	IC	Early	G2	921	240	492	28	54	106
E104	Endometrioid	IC	Early	G3	1114	59	861	67	5	75
E105	Endometrioid	IC	Early	G3	1924	1416	805	124	87	267
E106	Endometrioid	IC	Early	G3	1116	645	677	19	80	130
E107	Endometrioid	IC	Early	G3	658	254	474	12	22	180
E108	Endometrioid	IC	Early	G2	1189	206	939	6	14	64
E109	Endometrioid	IC	Early	G1	1672	739	896	22	7	64
E110	Endometrioid	IC	Early	G1	1365	387	1108	130	616	518
E111	Endometrioid	IC	Early	G2	624	314	405	3	4	56
E112	Endometrioid	IC	Early	G2	1076	118	1034	117	43	14
E113	Endometrioid	IC	Early	G1	1640	661	1061	10	45	94
E114	Endometrioid	IC	Early	G3	1347	892	1216	167	191	649
E115	Endometrioid	IC	Early	G3	1734	857	926	56	40	101
E116	Endometrioid	IC	Early	G2	445	391	462	372	124	593
E117	Endometrioid	IC	Early	G2	1348	389	763	6	24	35
E118	Endometrioid	IC	Early	G2	2607	946	762	23	11	61
E119	Endometrioid	IC	Early	G2	2869	304	1916	14	30	83
E120	Endometrioid	IC	Early	G2	2556	742	977	53	5	37
E121	Endometrioid	IC	Early	G2	1091	655	697	30	48	48
E122	Endometrioid	IC	Early	G2	1236	378	1110	53	61	89
E123	Endometrioid	IIIC	Adv	G3	842	67	992	16	75	78
E124	Endometrioid	IIIC	Adv	G3	1747	1349	959	70	8	80
E125	Endometrioid	IVB	Adv	G2	334	187	127	43	69	52
E126	Endometrioid	IIIC	Adv	G3	1880	374	1173	73	49	70

E127	Endometrioid	IIB	Early	G3	2236	1449	620	59	38	261
E128	Endometrioid	IIB	Early	G3	604	122	633	88	103	132
E129	Endometrioid	IIIC	Adv	G3	1414	426	532	384	364	1369
E130	Endometrioid	IIIC	Adv	G2	2356	1723	1323	7	16	56
E131	Endometrioid	IIIC	Adv	G2	1080	145	749	95	124	271
E132	Endometrioid	IIIC	Adv	G2	2179	847	1495	25	51	67
E133	Endometrioid	IIIC	Adv	G2	1580	137	874	32	5	48
E134	Endometrioid	IVB	Adv	G2	592	196	293	43	73	104
E135	Endometrioid	IVB	Adv	G3	1582	602	785	147	32	91
E136	Endometrioid	IIIA	Early	G2	1124	62	887	98	61	137
E137	Endometrioid	IVB	Adv	G3	1553	168	1133	38	98	163
E138	Endometrioid	IIIC	Adv	G3	1401	606	663	46	40	162
E139	Endometrioid	IIIC	Adv	G3	1281	190	902	9	8	42
E140	Endometrioid	IVB	Adv	G3	1997	798	935	16	54	207
S1	Serous	IIIC	Adv	G3	1574	107	692	140	114	155
S2	Serous	IIIC	Adv	G3	649	214	499	7	28	68
S3	Serous	IVB	Adv	G3	539	168	512	101	316	369
S4	Serous	IVB	Adv	G3	1068	505	564	94	118	210
S5	Serous	IVB	Adv	G3	2106	1264	529	68	29	134
S6	Serous	IIIC	Adv	G3	594	516	388	33	82	166
S7	Serous	IIIC	Adv	G3	1705	650	957	50	34	75
S8	Serous	IB	Early	G3	812	133	721	43	42	124
S9	Serous	IB	Early	G3	2359	560	1937	54	6	52
S10	Serous	IVB	Adv	G3	773	182	639	54	80	104
S11	Serous	IVB	Adv	G3	884	597	546	38	40	99
S12	Serous	IVB	Adv	G3	653	334	487	87	120	257
S13	Serous	IIIC	Adv	G3	432	105	612	167	204	346
S14	Serous	IB	Early	G3	490	65	333	266	481	1157
S15	Serous	IA	Early	G2	1121	112	1537	108	99	147
S16	Serous	IB	Early	G3	711	5	769	46	22	31
S17	Serous	IA	Early	G3	755	393	476	66	56	86
S18	Serous	IA	Early	G3	969	220	627	50	62	133
S19	Serous	IB	Early	G3	1544	14	1225	36	11	165
S20	Serous	IA	Early	G2	992	76	618	23	17	111
S21	Serous	IB	Early	G2	790	73	492	55	2	7
S22	Serous	I	Early	G3	762	34	448	13	109	108
S23	Serous	IIIC	Adv	G3	807	640	335	82	46	130
S24	Serous	IVB	Adv	G3	1264	440	899	102	8	96
S25	Serous	IVB	Adv	G3	580	171	420	36	17	55
S26	Serous	IVB	Adv	G3	728	390	753	10	45	141
S27	Serous	IIIC	Adv	G3	754	345	692	138	92	436
S28	Serous	IIIA	Early	G3	2075	507	969	71	27	91
S29	Serous	IVB	Adv	G3	612	258	485	111	110	174
S30	Serous	IIIC	Adv	G3	590	229	397	111	76	71
S31	Serous	IIIA	Early	G3	1324	427	1212	67	47	123
S32	Serous	IIIC	Adv	G3	782	236	489	9	100	164
S33	Serous	IVB	Adv	G3	457	226	320	284	78	271
S34	Serous	IVB	Adv	G3	1096	258	680	47	220	319
S35	Serous	IVB	Adv	G3	932	289	439	53	121	238
S36	Serous	IIIC	Adv	G3	1311	772	756	38	52	66
S37	Serous	IIIA	Early	G3	2060	1692	867	45	68	74
N1	Normal				541	11	618	11	128	319
N2	Normal				896	120	552	23	151	158
N3	Normal				860	275	602	24	94	144
N4	Normal				402	108	231	36	158	231
N5	Normal				701	67	520	13	195	205
N6	Normal				532	61	339	11	142	137
N7	Normal				812	166	470	63	85	54
N8	Normal				535	117	697	96	10	137
N9	Normal				524	83	597	11	218	102
N10	Normal				533	100	346	34	115	122
N11	Normal				1099	198	888	15	144	178
N12	Normal				666	264	376	53	134	148

Probe Set ID
Representative Public ID

201122_x_at 201123_s_at 213753_x_at 220198_s_at 235289_at 235296_at
BC000751 NM_001970 BF541557 NM_020390 AV747725 BG500474

UniGene ID	Hs.534314	Hs.534314	Hs.534314	Hs.164144	Hs.164144	Hs.164144
Gene Title	eukaryotic translation initiation factor 5A			eukaryotic translation initiation factor 5A2		
Gene Symbol	EIF5A1	EIF5A1	EIF5A1	EIF5A2	EIF5A2	EIF5A2
Chromosomal Location	chr17p13-p12	chr17p13-p12	chr17p13-p12	chr3q26.2	chr3q26.2	chr3q26.2
Ensembl ID	ENSG00000132507	ENSG00000132507	ENSG00000132507	ENSG00000163577	ENSG00000163577	ENSG00000163577
Entrez Gene ID	1984	1984	1984	56648	56648	56648