
Supplement Table Known molecular characteristics of samples

Sample label	Histological diagnosis	Molecular markers	Source label	Source
EWS-C1	EWS-C	<i>EWS-FLI1</i> , 10-6	A4573	NCI
EWS-C2	EWS-C	<i>EWS-FLI1</i> , type I	TC71	NCI
EWS-C3	EWS-C	<i>EWS-FLI1</i> , type I	TC106	NCI
EWS-C4	EWS-C	<i>EWS-FLI1</i> , type I	5838	NCI
EWS-C6	EWS-C	<i>EWS-FLI1</i> , type I	A673	NCI
EWS-C7	EWS-C	<i>EWS-FLI1</i> , type I	ES-CL1	MSKCC
EWS-C8	EWS-C	<i>EWS-FLI1</i> , type I	TC32	NCI
EWS-C9	EWS-C	<i>EWS-FLI1</i> , type II	SK-ES-1	ATCC
EWS-C10	EWS-C	<i>EWS-FLI1</i> , type II	SK-N-MC	ATCC
EWS-C11	EWS-C	<i>EWS-FLI1</i> , type II	RDES	ATCC
EWS-T1	EWS-T	<i>EWS-FLI1</i> , type I	ES20	MSKCC
EWS-T2	EWS-T	<i>EWS-FLI1</i> , type II	ES13	MSKCC
EWS-T3	EWS-T	<i>EWS-FLI1</i> , type I	ES16	MSKCC
EWS-T4	EWS-T	<i>EWS-FLI1</i> , type I	ES17	MSKCC
EWS-T6	EWS-T	<i>EWS-FLI1</i> , 7-8	ES22	MSKCC
EWS-T7	EWS-T	<i>EWS-ERG</i> , 7-9	ES25	MSKCC
EWS-T9	EWS-T	<i>EWS-FLI1</i> , type I	9602P006	CHTN
EWS-T11	EWS-T	<i>EWS-FLI1</i> , type I	9703P152	CHTN
EWS-T12	EWS-T	<i>EWS-FLI1</i> , type I	9704P218	CHTN
EWS-T13	EWS-T	<i>EWS-FLI1</i> , type I	ES23	MSKCC
EWS-T14	EWS-T	<i>EWS-FLI1</i> , type I	9605P074	CHTN
EWS-T15	EWS-T	<i>EWS-FLI1</i> , type I	9609P027	CHTN
EWS-T19	EWS-T	<i>EWS-FLI1</i> , type I	SARC75	CHTN
RMS-C2	ERMS-C	-	RD	ATCC
RMS-C3	ARMS-C	ND	RH4	NCI
RMS-C4	ARMS-C	<i>PAX3-FKHR</i>	RH3	NCI
RMS-C5	ARMS-C	<i>PAX3-FKHR</i>	RH5	NCI
RMS-C6	ARMS-C	<i>PAX3-FKHR</i>	RH28	NCI
RMS-C7	ARMS-C	ND	RH30	NCI
RMS-C8	ERMS-C	-	CTR	ATCC
RMS-C9	ARMS-C	<i>PAX3-FKHR</i>	RH4	NCI
RMS-C10	ARMS-C	<i>PAX3-FKHR</i>	RMS13	NCI
RMS-C11	ERMS-C	-	TE671	ATCC
RMS.T1	ARMS-T	<i>PAX3-FKHR</i>	RMS3	MSKCC
RMS.T2	ARMS-T	<i>PAX3-FKHR</i>	RMS6	MSKCC
RMS.T3	ERMS-T	-	RMS2	MSKCC
RMS.T4	ERMS-T	no PAX-FKHR	RMS5	MSKCC
RMS.T5	ARMS-T	<i>PAX3-FKHR</i>	RMS10	MSKCC
RMS.T6	RMS-T	ND	RT1	CHTN
RMS.T7	ERMS-T	-	RT4	CHTN

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RMS.T8	RMS-T	ND	RT5	CHTN
RMS.T10	RMS-T	ND	RT2	CHTN
RMS.T11	ERMS-T	-	RHAB2	CHTN
NB-C1	NB-C	<i>MYCN</i> amp	KCNR	NCI
NB-C2	NB-C	-	GICAN	NCI
NB-C3	NB-C	-	SK-N-AS	ATCC
NB-C4	NB-C	<i>MYCN</i> amp	LAN5	NCI
NB-C5	NB-C	<i>MYCN</i> amp	SK-N-BE2	ATCC
NB-C6	NB-C	<i>MYCN</i> amp	SK-N-DZ	ATCC
NB-C7	NB-C	-	GICAN	NCI
NB-C8	NB-C	-	NGP	NCI
NB-C9	NB-C	-	SH-SY5Y	ATCC
NB-C10	NB-C	<i>MYCN</i> amp	SK-N-FI	ATCC
NB-C11	NB-C	Single copy <i>MYCN</i>	SK-N-SH	ATCC
NB-C12	NB-C,	<i>MYCN</i> amp	CHP-134B	NCI
BL-C1	BL-C	-	RAMOS (RAI)	ATCC
BL-C2	BL-C	-	ST486	ATCC
BL-C3	BL-C	-	CA46	ATCC
BL-C4	BL-C	-	ST486	ATCC
BL-C5	BL-C	-	RAJI	ATCC
BL-C6	BL-C	-	MC116	ATCC
BL-C7	BL-C	-	DAUDI	ATCC
BL-C8	BL-C	-	SULTAN	ATCC
Test1	NB-C	<i>MYCN</i> amp	IMR32	ATCC
Test2	EWS-C	ND	CHOP1	NCI
Test3	Osteosarcoma-C	-	OsA-CI	ATCC
Test4	ARMS-T	-	ARMD1	CHTN
Test5	Sarcoma	-	A204	ATCC
Test 6	EWS-T	<i>EWS-FLI1</i> , type I	9608P053	CHTN
Test7	BL-C	-	EB1	ATCC
Test8	NB-C	-	SMSSAN	NCI
Test9	Sk. Muscle	-	SkM1	CHTN
Test10	ERMS-T	-	ERDM1	CHTN
Test11	Prostate Ca.-C	-	PC3	ATCC
Test12	EWS-T	-	SARC67	CHTN
Test13	Sk. Muscle	-	SkM2	CHTN
Test 14	NB-T	Single copy <i>MYCN</i>	NB3	DZNSG
Test 15	BL-C	-	EB2	ATCC
Test 16	NB-T	Single copy <i>MYCN</i>	NB1	DZNSG
Test 17	ARMS-T	-	ARMD2	CHTN
Test 18	BL-C	-	GA10	ATCC
Test 19	EWS-T	ND	ET3	CHTN
Test 20	EWS-T	<i>EWS-FLI1</i> , type I	9903P1339	CHTN
Test 21	EWS-T	<i>EWS-FLI1</i> , type II	ES23	MSKCC
Test 22	ERMS-T	-	ERMD2	CHTN

Sample label	Histological diagnosis	Molecular markers	Source label	Source
Test 23	NB-T	Single copy <i>MYCN</i>	NB2	DZNSG
Test 24	ERMS-T	no <i>PAX-FKHR</i>	RMS4	MSKCC
Test 25	NB-T	Single copy <i>MYCN</i>	NB4	DZNSG

Table labels and abbreviations are described in Table 1 in the manuscript. EWS and ARMS samples with noted translocations were verified by RT-PCR. ND, not determined. Amp., amplification.