

Table S1 Clinicopathological features of Wilms tumor in 124 patients

TARGET USI	Gender	Age at diagnosis in days	First event	Event free survival time in days	Vital status	Overall survival time in days	Protocol	Stage	Histologic
TARGET-50-CAAAAAB	Female	1757	Relapse	635	Dead	936	NWTS-4	III	DAWT
TARGET-50-CAAAAAC	Female	2244	Relapse	1184	Dead	2615	NWTS-5	III	FHWT
TARGET-50-CAAAAAD	Female	1710	Relapse	165	Dead	311	NWTS-4	III	DAWT
TARGET-50-CAAAAADJ	Female	401	Relapse	169	Alive	3385	NWTS-5	IV	FHWT
TARGET-50-CAAAAAL	Female	1599	Relapse	221	Alive	3289	NWTS-5	III	FHWT
TARGET-50-CAAAAAM	Female	2750	None	3260	Alive	3260	NWTS-5	III	DAWT
TARGET-50-CAAAAALD	Female	1326	Relapse	330	Dead	672	NWTS-5	III	FHWT
TARGET-50-CAAAAAP	Male	824	None	2661	Alive	2661	NWTS-5	II	DAWT
TARGET-50-CAAAAAPQ	Female	1287	Relapse	1940	Alive	2501	NWTS-5	IV/V	FHWT
TARGET-50-CAAAAAR	Female	314	Relapse	146	Alive	3542	NWTS-5	IV	FHWT
TARGET-50-CAAAAAS	Female	2476	Relapse	362	Alive	639	NWTS-5	III	FHWT
TARGET-50-PADXAY	Male	1958	None	4795	Alive	4795	NWTS-5	II	DAWT
TARGET-50-PADZUB	Female	5557	Relapse	197	Dead	1271	NWTS-5	IV	FHWT
TARGET-50-PAEAFB	Male	490	Relapse	174	Dead	2145	NWTS-5	III	FHWT
TARGET-50-PAEBXA	Female	1192	Relapse	528	Dead	1114	NWTS-5	III	FHWT
TARGET-50-PAECJB	Female	807	Relapse	76	Dead	282	NWTS-5	III	FHWT
TARGET-50-PAJLIP	Female	3037	None	2733	Alive	2733	NWTS-5	III	DAWT
TARGET-50-PAJLKC	Female	2464	None	2930	Alive	2930	NWTS-5	II	DAWT
TARGET-50-PAJLKR	Female	2247	Relapse	150	Alive	2589	NWTS-5	IV	FHWT
TARGET-50-PAJLLF	Female	2423	None	2536	Alive	2536	NWTS-5	II	DAWT
TARGET-50-PAJLNU	Female	325	Relapse	250	Dead	858	NWTS-5	II	FHWT
TARGET-50-PAJLPX	Male	2702	None	2572	Alive	2572	NWTS-5	IIIB/V	DAWT
TARGET-50-PAJLSP	Male	706	Relapse	357	Alive	2789	NWTS-5	II	FHWT
TARGET-50-PAJLTH	Male	2819	Relapse	258	Alive	3059	NWTS-5	II	FHWT
TARGET-50-PAJLTI	Male	961	Relapse	180	Alive	3295	NWTS-5	I	FHWT
TARGET-50-PAJLWT	Male	1262	Relapse	253	Dead	994	NWTS-5	II	FHWT
TARGET-50-PAJMEL	Female	1336	Relapse	373	Alive	4002	NWTS-5	IV	FHWT
TARGET-50-PAJMEN	Female	1508	Relapse	509	Dead	1732	NWTS-5	II	FHWT
TARGET-50-PAJMEP	Male	670	Relapse	154	Dead	1563	NWTS-5	I	FHWT
TARGET-50-PAJMFU	Female	1348	None	2894	Alive	2894	NWTS-5	II	DAWT
TARGET-50-PAJMFY	Female	1868	Relapse	258	Alive	748	NWTS-5	II	FHWT
TARGET-50-PAJMIZ	Female	2488	Progression	180	Dead	180	NWTS-5	IIIB	FHWT
TARGET-50-PAJMJT	Female	1921	Relapse	115	Alive	4042	NWTS-5	II	FHWT
TARGET-50-PAJMKI	Male	2168	Relapse	268	Dead	630	NWTS-5	III	DAWT
TARGET-50-PAJMKJ	Female	276	Relapse	623	Alive	3830	NWTS-5	II	FHWT
TARGET-50-PAJMKN	Female	521	None	1761	Alive	1761	NWTS-5	I	FHWT
TARGET-50-PAJMLI	Male	1342	Relapse	251	Dead	265	NWTS-5	I	DAWT
TARGET-50-PAJMLZ	Male	1324	Relapse	203	Dead	358	NWTS-5	II	DAWT
TARGET-50-PAJMMY	Male	1953	Relapse	801	Alive	4163	NWTS-5	III	FHWT
TARGET-50-PAJMRL	Male	1685	Relapse	334	Dead	686	NWTS-5	II	DAWT
TARGET-50-PAJMSE	Female	1681	Relapse	169	Dead	528	NWTS-5	III	FHWT
TARGET-50-PAJMUF	Male	829	Relapse	215	Alive	3547	NWTS-5	III	FHWT
TARGET-50-PAJMVC	Male	1548	None	727	Alive	727	NWTS-5	III	DAWT
TARGET-50-PAJMVU	Female	1638	None	2092	Alive	2092	NWTS-5	IV	DAWT
TARGET-50-PAJMXF	Male	1650	Relapse	1278	Dead	2099	NWTS-5	I	FHWT
TARGET-50-PAJNAA	Female	3327	None	2848	Alive	2848	NWTS-5	II	DAWT
TARGET-50-PAJNAV	Male	1449	Relapse	350	Dead	905	NWTS-5	IV	FHWT
TARGET-50-PAJNBN	Male	1509	Relapse	192	Dead	759	NWTS-5	IV	FHWT
TARGET-50-PAJNCC	Male	797	Relapse	427	Alive	2845	NWTS-5	II	FHWT
TARGET-50-PAJNCJ	Female	1762	Relapse	1085	Alive	3689	NWTS-5	II	FHWT
TARGET-50-PAJNCZ	Male	581	Relapse	155	Alive	3579	NWTS-5	I	FHWT
TARGET-50-PAJNDU	Male	2360	Relapse	282	Alive	2948	NWTS-5	III	FHWT
TARGET-50-PAJNEC	Female	1474	Relapse	394	Dead	1066	NWTS-5	III	FHWT
TARGET-50-PAJNGH	Male	851	Relapse	357	Dead	1229	NWTS-5	I	FHWT
TARGET-50-PAJNJU	Female	5698	Relapse	615	Alive	3085	NWTS-5	II	FHWT
TARGET-50-PAJNLT	Female	1546	Progression	440	Dead	440	NWTS-5	IV	FHWT
TARGET-50-PAJNNC	Male	281	Relapse	228	Alive	1732	NWTS-5	II	FHWT
TARGET-50-PAJNNR	Male	2265	Progression	217	Dead	217	NWTS-5	III	DAWT
TARGET-50-PAJNRH	Female	1340	None	1703	Alive	1703	NWTS-5	I	DAWT
TARGET-50-PAJNRL	Male	1476	Relapse	204	Dead	256	NWTS-5	IV	FHWT
TARGET-50-PAJNSL	Female	160	Relapse	372	Alive	1990	NWTS-5	II	FHWT
TARGET-50-PAJNTJ	Male	707	Relapse	152	Dead	1013	NWTS-5	II	FHWT
TARGET-50-PAJNUP	Female	2201	Relapse	357	Dead	752	NWTS-5	III	DAWT
TARGET-50-PAJNUS	Male	887	Relapse	203	Dead	647	NWTS-5	IV	FHWT
TARGET-50-PAJNVE	Female	800	None	3382	Alive	3382	NWTS-5	III	DAWT
TARGET-50-PAJNVX	Male	1365	Relapse	168	Dead	427	NWTS-5	I	DAWT
TARGET-50-PAJNYT	Male	768	Relapse	338	Dead	354	NWTS-5	III	FHWT
TARGET-50-PAJNZI	Female	2842	None	929	Alive	929	NWTS-5	II	DAWT
TARGET-50-PAJNZK	Female	1532	Relapse	149	Alive	1040	NWTS-5	II	FHWT
TARGET-50-PAJNZS	Female	1789	None	1668	Alive	1668	NWTS-5	III	DAWT
TARGET-50-PAJNZU	Female	970	Relapse	246	Alive	3451	NWTS-5	I	FHWT
TARGET-50-PAJPAR	Female	1950	Relapse	410	Dead	542	NWTS-5	III	DAWT
TARGET-50-PAJPAU	Male	1389	Relapse	273	Alive	2350	NWTS-5	I	FHWT
TARGET-50-PAJPCM	Female	1754	None	3121	Alive	3121	NWTS-5	II	DAWT
TARGET-50-PAJPDC	Female	2904	Relapse	146	Alive	2365	NWTS-5	II	FHWT
TARGET-50-PAJPDN	Female	1112	None	1987	Alive	1987	NWTS-5	II	DAWT
TARGET-50-PAJPEW	Male	5082	Relapse	238	Alive	3241	NWTS-5	II	FHWT
TARGET-50-PAJPGY	Female	2122	Relapse	432	Alive	2910	NWTS-5	II	FHWT
TARGET-50-PAJPHA	Male	1124	Relapse	302	Alive	1895	NWTS-5	II	FHWT
TARGET-50-PAKECR	Female	1102	None	3458	Alive	3458	NWTS-5	II	DAWT
TARGET-50-PAKFME	Female	1713	Relapse	281	Alive	3110	NWTS-5	III	FHWT
TARGET-50-PAKFYV	Female	1246	Progression	680	Dead	680	NWTS-5	IIIB	DAWT
TARGET-50-PAKGED	Female	2809	None	1791	Alive	1791	NWTS-5	III	DAWT
TARGET-50-PAKGMU	Female	1121	None	2784	Alive	2784	NWTS-5	II	DAWT
TARGET-50-PAKGZX	Male	2201	Relapse	158	Alive	1963	NWTS-5	IIIB	FHWT
TARGET-50-PAKJGM	Male	1007	Relapse	201	Dead	409	NWTS-5	III	FHWT
TARGET-50-PAKKNS	Male	547	None	1795	Alive	1795	NWTS-5	I	DAWT
TARGET-50-PAKKSE	Female	847	Relapse	367	Alive	1925	NWTS-5	II	FHWT
TARGET-50-PAKMSV	Male	1968	Relapse	301	Dead	733	NWTS-5	III	FHWT
TARGET-50-PAKMUB	Male	2412	Relapse	408	Alive	477	NWTS-5	II	FHWT
TARGET-50-PAKNAL	Female	2070	None	1492	Alive	1492	NWTS-5	III	DAWT
TARGET-50-PAKNRX	Male	1785	Relapse	256	Dead	586	NWTS-5	II	DAWT
TARGET-50-PAKNRW	Male	4779	None	290	Alive	290	NWTS-5	III	FHWT
TARGET-50-PAKNXS	Male	1245	Relapse	320	Dead	329	NWTS-5	III	DAWT
TARGET-50-PAKPDF	Female	1912	Relapse	221	Dead	345	NWTS-5	III	DAWT
TARGET-50-PAKRCC	Male	1466	Relapse	220	Alive	3215	NWTS-5	I	DAWT
TARGET-50-PAKRVH	Male	2728	Relapse	152	Alive	3059	NWTS-5	II	FHWT
TARGET-50-PAKRZW	Female	2238	Relapse	421	Alive	954	NWTS-5	II	FHWT
TARGET-50-PAKSCC	Male	691	Relapse	260	Alive	1628	NWTS-5	II	FHWT
TARGET-50-PAKSDG	Male	1002	Relapse	245	Dead	702	NWTS-5	I	FHWT
TARGET-50-PAKUIT	Female	1236	Relapse	157	Dead	228	NWTS-5	IV	DAWT
TARGET-50-PAKULH	Female	1030	Progression	375	Dead	375	NWTS-5	IIIB	FHWT
TARGET-50-PAKVET	Female	405	None	1475	Alive	1475	NWTS-5	I	FHWT
TARGET-50-PAKWPM	Male	1914	Relapse	179	Alive	2888	NWTS-5	II	FHWT
TARGET-50-PAKXWB	Female	2681	Progression	458	Dead	458	NWTS-5	III	FHWT
TARGET-50-PAKXXF	Male	1821	Relapse	333	Dead	416	NWTS-5	III	DAWT
TARGET-50-PAKYFC	Female	1069	Relapse	191	Alive	631	NWTS-5	II	FHWT
TARGET-50-PAKYLT	Female	2307	None	2812	Alive	2812	NWTS-5	III	DAWT
TARGET-50-PAKZER	Female	2271	Relapse	274	Alive	2829	NWTS-5	II	FHWT
TARGET-50-PAKZFK	Female	1340	Relapse	426	Alive	2073	NWTS-5	II	FHWT
TARGET-50-PAKZHF	Male	1309	Relapse	246	Alive	519	NWTS-5	II	FHWT
TARGET-50-PALDTE	Male	979	Relapse	56	Alive	2551	NWTS-5	II	FHWT
TARGET-50-PALDWP	Male	2104	Relapse	287	Dead	528	NWTS-5	III	FHWT
TARGET-50-PALERC	Female	156	Relapse	46	Alive	2790	NWTS-5	II	FHWT
TARGET-50-PALEZT	Female	4397	None	331	Alive	331	NWTS-5	II	DAWT
TARGET-50-PALFME	Male	3703	Relapse	154	Dead	267	NWTS-5	II	FHWT
TARGET-50-PALFRD	Female	1785	Relapse	429	Alive	1420	NWTS-5	III	FHWT
TARGET-50-PALGAZ	Female	222	Relapse	152	Dead	422	NWTS-5	I	FHWT
TARGET-50-PALGLU	Female	1275	Relapse	306	Dead	326	NWTS-5	III	FHWT
TARGET-50-PALGVY	Female	1182	Relapse	370	Alive	1286	NWTS-5	III	FHWT
TARGET-50-PALJIP	Female	1789	Relapse	337	Dead	770	NWTS-5	II	FHWT
TARGET-50-PALKCW	Male	1895	Relapse	399	Alive	1110	NWTS-5	II	FHWT
TARGET-50-PALKRS	Male	2003	Relapse	134	Dead	384	NWTS-5	III	FHWT
TARGET-50-PALLFB	Male	2879	Progression	343	Dead	343	NWTS-5	III	DAWT

Table S2 Clinical data element definitions for Wilms tumor in the TARGET Data Matrix

	Data element long name	Data element preferred question text	Data element preferred definition	Permissible values	Data element public ID	TARGET Note	Open or controlled access (Kidney tumors only)
TARGET USI	Patient Identifier	USI	The unique numeric or alphanumeric identification assigned to a participant in a clinical trial or research study	Max Length 12	2003301v3.0	Harmonized to TARGET standard	Open
Gender	Person Gender Text Type	Gender of a person	Text designations that identify gender. Gender is described as the assemblage of properties that distinguish people on the basis of their societal roles. [Explanatory Comment 1: Identification of gender is based upon self-report and may come from a form, questionnaire, interview, etc.]	Female; Male; Unknown	2200604	Harmonized to TARGET Standard	Open
Age at Diagnosis in Days	Patient Age at Diagnosis	Age at diagnosis	Patient's age in days at diagnosis	Min Value 1; Max Value 15000	3225640	Harmonized to TARGET Standard	Open
First Event	Study End Point Event Type	Event	Text term to identify the nature of the event that best characterizes the endpoint of the study	Censored; Death; Death without Remission; Induction Failure; None; Other; Relapse; Second Malignant Neoplasm; Progression	3070936	Harmonized to TARGET Standard	Open
Event Free Survival Time in Days	Study End Point Event Occurrence Day Count	Time to first event (or censoring), in days	The number of days to the event that indicates the end of the study	Units = days	3229334	Harmonized to TARGET Standard	Open
Vital Status	Participant Vital Status Type	Participant Vital Status	The subdivisions of responses that describe whether a person who has taken part in an activity is alive, dead or if their status is unknown or unspecified	Alive; Dead; Unknown; Unspecified	2847330	Harmonized to TARGET Standard	Open
Overall Survival Time in Days	Diagnosis To Last Communication Contact Time Day Count	OS time (days)	The number of days after diagnosis to the last follow-up or death of the patient	Units = days	3226269	Harmonized to TARGET standard	Open
Protocol	Clinical Trials Cooperative Group Protocol Name Code	Protocol	Cooperative group protocol on which the patient was registered	AREN03B2; NWTS-5; NWTS-4	3070909	Not Harmonized to same CDE, but all TARGET projects will have this column	Open
Stage	Person Wilms Tumor Stage	Stage	Code to represent the classification of the severity or extent of disease (Wilms Tumor) following established criteria	IIIB/IV; III/IV; II/IV; I/IV; IIIB; III; II; I	3070932		Open
Histologic	Primary Neoplasm Histologic Classification Code	Histologic classification of primary tumor	Coded term to represent the histologic classification of the primary tumor	FHWT; DAWT; RT; CCSK	3256939	FHWT = Favorable Histology Wilms Tumor DAWT = Diffuse Anaplastic Wilms Tumor RT = Rhabdoid Tumor CCSK = Clear Cell Sarcoma of the Kidney	Open