

Table 1 Sequencing studies of pediatric cancer with large population

Time	Research institute	Hematologic	CNS tumor	Solid tumor	Percent of germline P/LP variants in predisposition genes	Reference
2015	University of Michigan C.S. Mott Children's Hospital	30	8	64	10%	doi: 10.1001/jama.2015.10080 ³¹
2015	St. Jude Children's Research Hospital	588	245	287	8%	doi: 10.1056/NEJMoa1508054 ¹⁴
2016	Texas Children's Hospital	-	56	94	10%	doi: 10.1001/jamaoncol.2015.5699 ¹⁵
2016	Columbia University Medical Center	36	16	49	10%	doi: 10.1186/s13073-016-0389-6 ³²
2020	Sydney Children's Hospital&	43	92	112	11%	doi: 10.1038/s41591-020-1072-4 ³³
2021	St. Jude Children's Research Hospital	128	97	84	19.3%	doi: 10.1158/2159-8290.CD-20-1631 ³⁴
2021	MSKCC	-	139	612	13%	doi:10.1038/s43018-021-00172-1 ¹³
2022	Chinese	-	234	84	8.49%	present study