

S5 Table. COSMIC Database analysis of WDR23 mutations and expression in somatic tumors

Tissue	Point mutations ID/Tested	Copy variation ID/Tested	number	Expression ID/Tested
Adrenal gland	n.d.	1/72 increased n.d.	5/79 increased n.d.	
Bone	2/496	n.d. n.d.	n.d. n.d.	
Breast	6/1350	8/987 increased 1/987 decreased	59/1092 increased 46/1092 decreased	
CNS	1/2128	1/805 increased n.d.	25/662 increased 59/662 decreased	
Cervix	1/320	1/174 increased n.d.	20/305 increased n.d.	
Endometrium	7/631	2/421 increased n.d.	40/593 increased 11/593 decreased	
Lymphoid	1/2139	n.d. n.d.	12/216 increased 2/216 decreased	
Kidney	7/1474	n.d. n.d..	17/595 increased 13/595 decreased	
Large Intestine	18/1356	3/699 decreased n.d.	20/602 increased 22/602 decreased	
Liver	6/1611	n.d. n.d.	24/359 increased n.d.	
Lung	8/1823	10/1102 increased 3/1102 decreased	57/1008 increased 30/1008 decreased	
Oesophagus	4/791	3/108 increased n.d.	4/125 increased 1/125 decreased	
Ovary	2/831	2/721 increased 1/721 decreased	19/266 increased 38/266 decreased	
Pancreas	2/1521	n.d. n.d.	7/168 increased 2/168 decreased	
Prostate	1/1019	n.d. n.d.	16/491 increased 20/491 decreased	
Skin	24/983	1/482 decreased n.d.	20/467 increased 10/467 decreased	
Soft tissue	n.d.	3/139 increased n.d.	15/215 increased 7/215 decreased	
Stomach	10/587	1/348 increased n.d.	11/285 increased 4/285 decreased	
Thyroid	1/567	n.d. n.d.	15/512 increased 6/512 decreased	
Upper aerodigestive tract	n.d.	4/467 increased n.d.	19/517 increased n.d.	
Urinary tract	2/652	2/225 increased n.d.	22/393 increased 8/393 decreased	