Supplemental Table S2. List of WDR Proteins Related to Other Disorders

WDR protein	Phenotype	MIM number	Mode of inheritance
Immune deficiency			
COPA	Autoimmune interstitial lung, joint, and kidney disease	616414	AD
CORO1A	Immunodeficiency	615401	AR
LYST	Chediak-Higashi syndrome	214500	AR
LRBA	Immunodeficiency	614700	AR
RFWD3	Fanconi anemia, complementation group W	617784	AR
NBEAL2	Gray platelet syndrome	139090	AR
DDB2	Xeroderma pigmentosum	278740	AR
Eye defect			
PRPF4	Retinitis pigmentosa	615922	AD
POC1B	Cone-rod dystrophy	615973	AR
HPS5	Hermansky-Pudlak syndrome	614074	AR
KIF21A	Fibrosis of extraocular muscles, congenital	135700	AD
WDR36	Glaucoma, open angle	609887	Multifactoral
GNB3	Hypertension	145500	Multifactoral
	Night blindness	617024	AR
Cancer predisposition			
NUP214	Encephalopathy, acute, infection-induced	618426	AR
	Leukemia, acute myeloid, somatic	601626	
	Leukemia, T-cell acute lymphoblastic, somatic	613065	
PALB2	Breast cancer, susceptibility to	114480	Multifactoral
	Pancreatic cancer, susceptibility to	613348	
	Fanconi anemia, complementation group N	610832	
GNB1	Leukemia, acute lymphoblastic, somatic	613065	
	Mental retardation	616973	AD
Skeletal defect			
EED	Cohen-Gibson syndrome	617561	AD
POC1A	Short stature, onychodysplasia, facial dysmorphism, and hypotrichosis	614813	AR
TECPR2	Spastic paraplegia 49, autosomal recessive	615031	AR
Inflammation			
ATG16L1	Inflammatory bowel disease (Crohn disease)	611081	Not determined
ARPC1B	Platelet abnormalities with eosinophilia and immune-mediated inflammatory disease	617718	AR
Others[a]			
WRAP53	Dyskeratosis congenita	613988	AR
NBAS	Infantile liver failure syndrome	616483	AR
	Short stature, optic nerve atrophy, and Pelger-Huet anomaly	614800	AR
TLE6	Preimplantation embryonic lethality	616814	AR
TRAF7	Cardiac, facial, and digital anomalies with developmental delay	618164	AD
TBL1Y	Deafness, Y-linked	400047	YL
WDR72	Amelogenesis imperfecta, type IIA3	613211	AR
PEX7	Peroxisome biogenesis disorder	614879	AR
	Rhizomelic chondrodysplasia punctata, type 1	215100	AR

WDR, WD40-repeat; MIM, Mendelian Inheritance in Man; AD, autosomal dominant; AR, autosomal recessive; YL, Y-linked.
[a]Including multi-organ defects, liver failure, cardiovascular defects, and embryonic lethality.