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ID	Genes in d:	Prediction	(Log Ratio)	Findings	shared genes with p53-like cohort
ILMN_1680	AURKA	Activated	-1.358	Downregulate	Yes
ILMN_1690	FERMT2	Activated	0.816	Upregulate	Yes
ILMN_1695	PPP1CA	Affected	-0.621	Regulates	(Yes)
ILMN_1720	CRYAB	Activated	1.202	Upregulate	Yes
ILMN_1740	TSC22D3	Activated	1.444	Upregulate	Yes
ILMN_1750	FEN1	Activated	-0.916	Downregulate	Yes
ILMN_1780	CCNA2	Activated	-0.889	Downregulate	Yes
ILMN_1785	COL14A1	Inhibited	1.036	Downregulate	Yes
ILMN_1790	TPX2	Activated	-1.474	Downregulate	Yes
ILMN_1800	FHL1	Activated	1.926	Upregulate	Yes
ILMN_1810	CNN1	Activated	1.551	Upregulate	Yes
ILMN_1811	KIF23	Activated	-1.218	Downregulate	Yes
ILMN_1811	CSR1	Activated	0.687	Upregulate	Yes
ILMN_2067	CCND2	Activated	1.070	Upregulate	Yes
ILMN_2077	RACGAP1	Affected	-1.515	Regulates	(Yes)
ILMN_1653	CDK2	Affected	-0.811	Regulates	(2)
ILMN_1654	HMGB2	Affected	-0.786	Regulates	(1)
ILMN_1650	DUSP5	Activated	1.438	Upregulates	(4)
ILMN_1657	MVD	Affected	-0.621	Regulates	(1)
ILMN_1661	DDIT4	Activated	0.740	Upregulates	(9)
ILMN_1663	UBE2B	Inhibited	0.678	Downregulates	(1)
ILMN_1663	CDC20	Activated	-1.152	Downregulates	(3)
ILMN_1664	CYP51A1	Affected	0.941	Regulates	(1)
ILMN_1660	RBBP6	Affected	0.864	Regulates	(1)
ILMN_1660	FOS	Inhibited	2.108	Downregulates	(6)
ILMN_1670	PCDH7	Activated	1.138	Upregulates	(1)
ILMN_1671	BAI3	Activated	1.876	Upregulates	(2)
ILMN_1672	TMED7	Affected	0.731	Regulates	(1)
ILMN_1672	TCF7L2	Inhibited	0.687	Downregulates	(2)
ILMN_1670	FN1	Inhibited	1.183	Downregulates	(2)
ILMN_1677	PTGS2	Inhibited	2.536	Downregulates	(23)
ILMN_1670	ESR1	Activated	1.470	Upregulates	(9)
ILMN_1670	DFFB	Inhibited	-0.667	Upregulates	(3)
ILMN_1682	IER3	Activated	1.021	Upregulates	(12)
ILMN_1683	SMC4	Activated	-0.737	Downregulates	(1)
ILMN_1683	NCAPD3	Affected	-0.837	Regulates	(1)
ILMN_1680	ASL	Inhibited	-0.737	Upregulates	(1)
ILMN_1680	SHROOM3	Activated	0.934	Upregulates	(2)
ILMN_1680	PDGFA	Inhibited	-1.252	Upregulates	(2)
ILMN_1680	THBS1	Activated	1.183	Upregulates	(7)
ILMN_1687	HSP90AA1	Activated	-1.252	Downregulates	(2)
ILMN_1687	PHLDA1	Activated	0.856	Upregulates	(1)
ILMN_1680	EDIL3	Activated	1.299	Upregulates	(1)
ILMN_1691	ATG4B	Affected	0.872	Regulates	(1)
ILMN_1691	IL4R	Inhibited	0.740	Downregulates	(1)

ILMN_1692	VMP1	Affected	0.604	Regulates (3)
ILMN_1693	VEGFA	Inhibited	1.406	Downregulates (19)
ILMN_1695	BMF	Activated	-1.556	Downregulates (2)
ILMN_1696	CDC42	Activated	0.722	Upregulates (2)
ILMN_1696	NEO1	Activated	0.949	Upregulates (1)
ILMN_1697	MAP2K6	Activated	-0.971	Downregulates (4)
ILMN_1698	IL6	Inhibited	3.338	Downregulates (23)
ILMN_1700	SCN3B	Activated	1.269	Upregulates (7)
ILMN_1701	GBP1	Activated	0.740	Upregulates (1)
ILMN_1701	BCL2	Inhibited	1.057	Downregulates (57)
ILMN_1703	HJURP	Affected	-1.786	Regulates (1)
ILMN_1704	RPS6KB1	Affected	1.526	Regulates (4)
ILMN_1705	H2AFY2	Inhibited	-0.971	Upregulates (1)
ILMN_1708	NFATC2IP	Activated	-0.889	Downregulates (2)
ILMN_1709	PRDX2	Inhibited	-1.474	Upregulates (1)
ILMN_1709	IGF1	Inhibited	1.575	Downregulates (9)
ILMN_1710	BCL3	Inhibited	0.642	Downregulates (1)
ILMN_1711	SERPING1	Affected	0.888	Regulates (1)
ILMN_1711	NUDT5	Inhibited	-0.713	Upregulates (1)
ILMN_1711	RAD54B	Activated	-1.322	Downregulates (1)
ILMN_1712	AIFM2	Inhibited	-0.889	Upregulates (3)
ILMN_1713	PRKCB	Affected	1.257	Regulates (4)
ILMN_1714	TPD52L1	Affected	1.465	Regulates (2)
ILMN_1714	NFKB1	Affected	0.848	Regulates (2)
ILMN_1716	STARD4	Activated	1.233	Upregulates (1)
ILMN_1716	FOXM1	Affected	-1.837	Regulates (1)
ILMN_1718	INHBA	Activated	1.098	Upregulates (1)
ILMN_1720	CCL2	Inhibited	0.848	Downregulates (1)
ILMN_1720	ZFP36	Activated	1.696	Upregulates (1)
ILMN_1722	EGR3	Inhibited	2.676	Downregulates (1)
ILMN_1727	RLIM	Inhibited	0.766	Downregulates (1)
ILMN_1731	PDRG1	Activated	-0.971	Downregulates (2)
ILMN_1732	KIAA0101	Activated	-1.184	Downregulates (5)
ILMN_1733	CDC25A	Activated	-1.322	Downregulates (4)
ILMN_1734	MKI67	Activated	-1.690	Downregulates (2)
ILMN_1735	ATG2B	Activated	0.748	Upregulates (4)
ILMN_1736	ME1	Inhibited	1.084	Downregulates (6)
ILMN_1736	CDC42EP3	Activated	0.642	Upregulates (1)
ILMN_1738	LIF	Activated	1.795	Upregulates (4)
ILMN_1739	NLRP12	Inhibited	1.333	Downregulates (1)
ILMN_1740	PANK1	Inhibited	-1.889	Upregulates (10)
ILMN_1740	KCNMA1	Activated	1.967	Upregulates (1)
ILMN_1744	SERPINE1	Activated	1.778	Upregulates (18)
ILMN_1744	CAND1	Inhibited	0.832	Downregulates (1)
ILMN_1744	FGF2	Affected	1.748	Regulates (5)
ILMN_1745	LAPTM4A	Affected	0.748	Regulates (3)
ILMN_1745	TGFBR1	Inhibited	0.963	Downregulates (1)

ILMN_1749	TLR6	Activated	-0.761	Downregulates (1)
ILMN_1755	DBI	Inhibited	-0.916	Upregulates (1)
ILMN_1758	CSTF1	Activated	-1.322	Downregulates (1)
ILMN_1760	PTP4A1	Inhibited	1.465	Downregulates (2)
ILMN_1761	VAMP4	Affected	0.722	Regulates (3)
ILMN_1762	SEC62	Affected	1.021	Regulates (2)
ILMN_1762	ZEB1	Activated	0.722	Upregulates (1)
ILMN_1762	EGR1	Inhibited	1.465	Downregulates (12)
ILMN_1768	GAS6	Activated	0.926	Upregulates (2)
ILMN_1768	BHLHE40	Activated	0.722	Upregulates (8)
ILMN_1771	GTSE1	Inhibited	-1.889	Upregulates (4)
ILMN_1771	FOSL1	Activated	1.281	Upregulates (3)
ILMN_1774	HSPD1	Activated	-1.218	Downregulates (1)
ILMN_1776	MYL9	Activated	0.660	Upregulates (3)
ILMN_1777	KCTD11	Activated	1.098	Upregulates (2)
ILMN_1778	FKBP5	Activated	0.941	Upregulates (2)
ILMN_1781	DUSP1	Activated	1.104	Upregulates (4)
ILMN_1783	ING3	Affected	0.614	Regulates (1)
ILMN_1788	LTBP1	Activated	1.251	Upregulates (2)
ILMN_1791	ATF3	Activated	4.038	Upregulates (8)
ILMN_1791	HMGB1	Inhibited	0.623	Downregulates (1)
ILMN_1792	STAG1	Activated	0.774	Upregulates (1)
ILMN_1794	SNRK	Activated	0.816	Upregulates (1)
ILMN_1802	RHOB	Activated	1.029	Upregulates (2)
ILMN_1803	BIRC5	Activated	-1.434	Downregulates (32)
ILMN_1804	AREG/ARE	Activated	0.903	Upregulates (2)
ILMN_1806	JUN	Affected	1.118	Regulates (2)
ILMN_1811	E2F8	Affected	-1.358	Regulates (1)
ILMN_1813	P2RX4	Inhibited	-1.120	Upregulates (1)
ILMN_1814	MDM2	Inhibited	-0.837	Upregulates (268)
ILMN_1814	SPC25	Inhibited	-1.120	Upregulates (2)
ILMN_1814	AGTR1	Activated	1.609	Upregulates (4)
ILMN_1815	MCM5	Activated	-1.120	Downregulates (2)
ILMN_2044	PPP3CA	Inhibited	0.722	Downregulates (1)
ILMN_2062	GAS1	Affected	1.787	Regulates (1)
ILMN_2063	CLIC4	Activated	1.163	Upregulates (10)
ILMN_2073	IL10	Affected	2.982	Regulates (2)
ILMN_2086	JUNB	Activated	0.669	Upregulates (3)
ILMN_2098	PMAIP1	Activated	1.214	Upregulates (36)
ILMN_2111	PDCD6IP	Activated	0.978	Upregulates (9)
ILMN_2115	CTGF	Affected	1.043	Regulates (2)
ILMN_2121	HBEGF	Activated	1.757	Upregulates (4)
ILMN_2126	RPS27L	Activated	0.774	Upregulates (5)
ILMN_2131	GNAI1	Activated	1.239	Upregulates (1)
ILMN_2137	KLF4	Activated	1.485	Upregulates (2)
ILMN_2147	MAN2A1	Activated	0.856	Upregulates (1)
ILMN_2153	ATXN1	Activated	1.077	Upregulates (1)

ILMN_2174	DKK1	Activated	2.293	Upregulates (9)
ILMN_2176	UNC5B	Activated	-0.837	Downregulates (3)
ILMN_2184	ANXA1	Activated	0.651	Upregulates (5)
ILMN_2188	CYR61	Affected	1.642	Regulates (1)
ILMN_2190	CHIC1	Affected	1.057	Regulates (2)
ILMN_2196	PPP2CA	Affected	0.816	Regulates (4)
ILMN_2201	SLC19A2	Affected	1.183	Regulates (3)
ILMN_2215	WWP1	Affected	1.138	Regulates (1)
ILMN_2222	TMSB10/TI	Activated	0.660	Upregulates (2)
ILMN_2236	SON	Inhibited	0.731	Downregulates (1)
ILMN_2260	CCNB1IP1	Affected	-0.786	Regulates (3)
ILMN_2266	FHL2	Inhibited	-0.761	Upregulates (2)
ILMN_2266	SORBS1	Activated	1.778	Upregulates (4)
ILMN_2294	RFWD2	Activated	0.595	Upregulates (3)
ILMN_2294	PRDM1	Activated	1.373	Upregulates (1)
ILMN_2296	SMC2	Activated	-1.059	Downregulates (3)
ILMN_2301	UBE2C	Activated	-1.218	Downregulates (2)
ILMN_2308	AKAP12	Inhibited	1.604	Downregulates (1)
ILMN_2316	FAS	Activated	0.978	Upregulates (69)
ILMN_2326	PMS2	Affected	-0.644	Regulates (3)
ILMN_2340	PDE4B	Inhibited	2.074	Downregulates (1)
ILMN_2341	KITLG	Affected	1.077	Regulates (2)
ILMN_2358	MAD1L1	Activated	-1.000	Downregulates (14)
ILMN_2366	RAD51	Inhibited	1.978	Downregulates (1)
ILMN_2364	MBNL2	Affected	0.766	Regulates (1)
ILMN_2376	CSF2RA	Activated	0.872	Upregulates (1)
ILMN_2376	HIF1A	Inhibited	1.202	Downregulates (13)
ILMN_2380	CCNG1	Activated	0.642	Upregulates (45)
ILMN_2386	TGFB111	Activated	0.918	Upregulates (2)
ILMN_2396	CHEK2	Activated	-0.690	Downregulates (10)
ILMN_2398	ASNS	Affected	1.170	Regulates (18)
ILMN_2401	UHRF1	Affected	-0.889	Regulates (1)
ILMN_2406	VAPA	Activated	1.118	Upregulates (1)
ILMN_2406	PIDD	Inhibited	-1.184	Upregulates (19)
ILMN_3251	LDHA	Inhibited	0.774	Downregulates (2)
ILMN_3251	HDAC2	Inhibited	-0.811	Upregulates (1)
ILMN_3306	SGK1	Activated	1.536	Upregulates (6)