

**Table S3.-** List of public studies of different cohorts of PCa patients used in the correlation analyses described in section 2.2.

<b>cBioportal Study</b>	<b>Study Information</b>	<b>LINK</b>	<b>Cohort size</b>
MSK, Cancer Cell 2010	doi: 10.1016/j.ccr.2010.05.026	<a href="https://www.cbioportal.org/study/summary?id=prad_mskcc">https://www.cbioportal.org/study/summary?id=prad_mskcc</a>	240
DKFZ, Cancer Cell 2018	doi: 10.1016/j.ccell.2018.10.016	<a href="https://www.cbioportal.org/study/summary?id=prostate_dkfz_20186">https://www.cbioportal.org/study/summary?id=prostate_dkfz_20186</a>	324
Fred Hutchinson CRC, Nat Med 2016	doi: 10.1038/nm.4053	<a href="https://www.cbioportal.org/study/summary?id=prad_fhrc">https://www.cbioportal.org/study/summary?id=prad_fhrc</a>	176
SUC2C PCF Dream Team Cell 2015	doi: 10.1016/j.cell.2015.05.001	<a href="https://www.cbioportal.org/study/summary?id=prad_su2c_2015">https://www.cbioportal.org/study/summary?id=prad_su2c_2015</a>	150
SUC2C PCF Dream Team PNAS 2019	doi: 10.1073/pnas.1902651116	<a href="https://www.cbioportal.org/study/summary?id=prad_su2c_2019">https://www.cbioportal.org/study/summary?id=prad_su2c_2019</a>	444
TCGA, Cell 2015	doi: 10.1016/j.cell.2015.10.025	<a href="https://www.cbioportal.org/study/summary?id=prad_tcga_pub">https://www.cbioportal.org/study/summary?id=prad_tcga_pub</a>	333
TCGA, Firehose Legacy		<a href="https://www.cbioportal.org/study/summary?id=prad_tcga">https://www.cbioportal.org/study/summary?id=prad_tcga</a>	501
TCGA, PanCancer Atlas		<a href="https://www.cbioportal.org/study/summary?id=prad_tcga_pan_can_atlas_2018">https://www.cbioportal.org/study/summary?id=prad_tcga_pan_can_atlas_2018</a>	494