Supplementary Materials: Well-Differentiated Papillary Mesothelioma of the Peritoneum is Genetically Distinct from Malignant Mesothelioma

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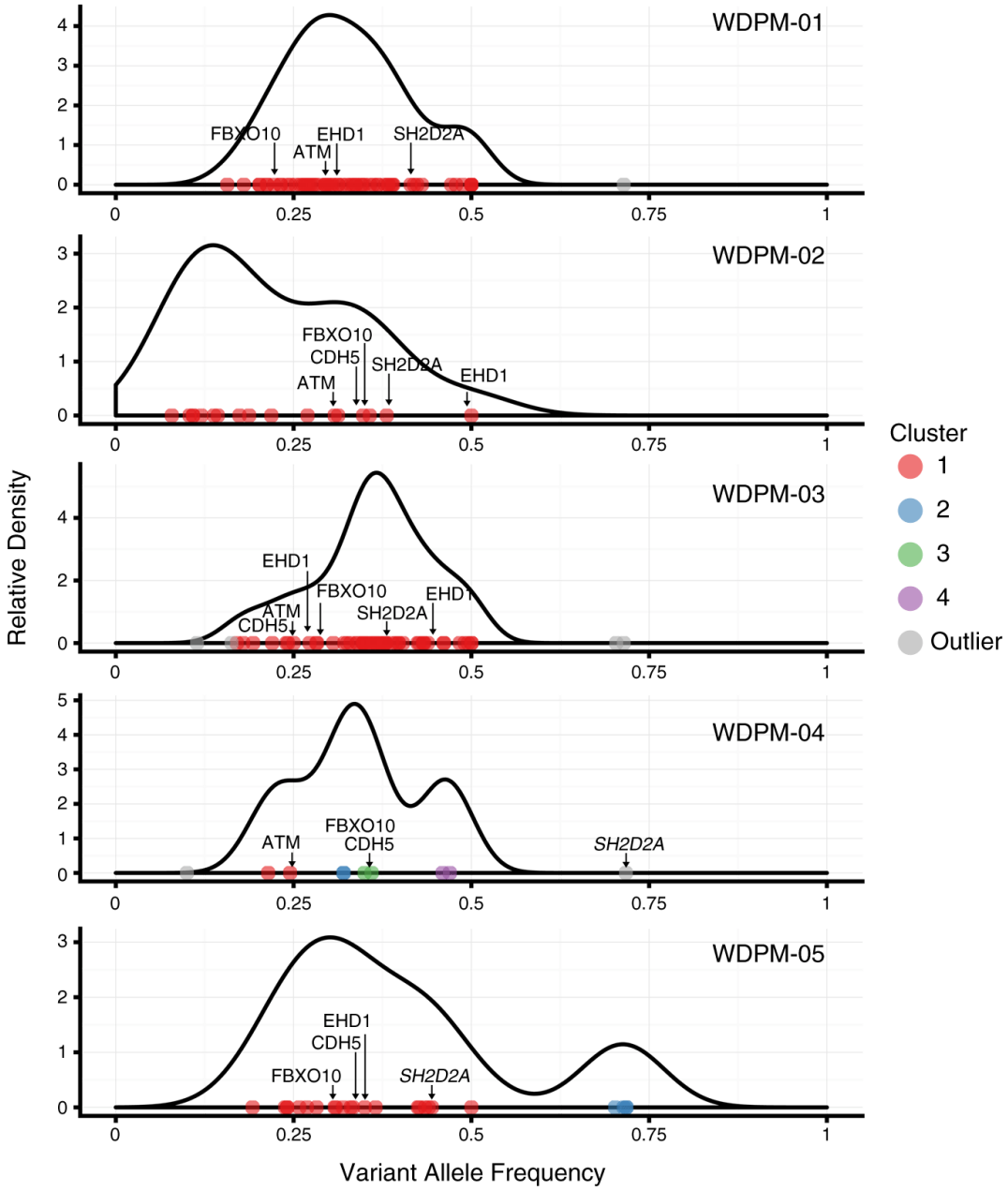

Figure S1. Distribution of variant allele frequency (VAF) in WDPM. Based on VAF, the somatic mutations identified in WDPM were clustered into different groups using the R-package Maftools.

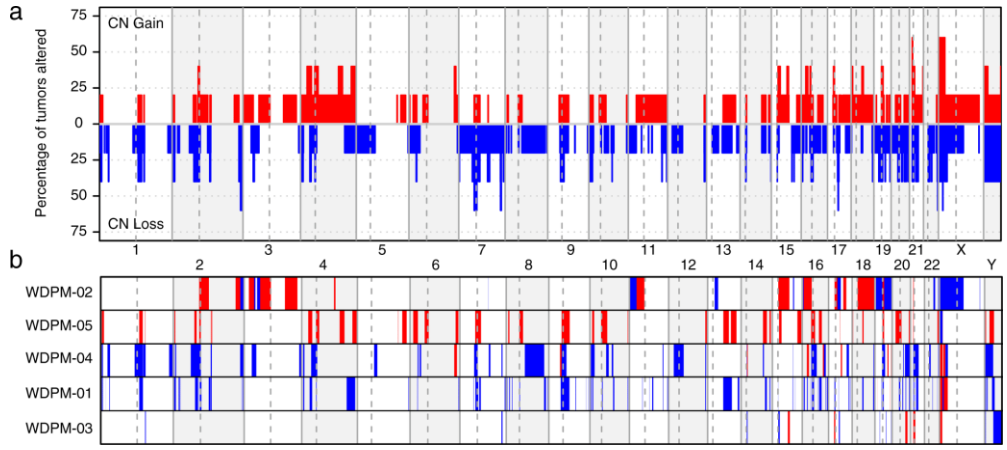

Figure S2. Landscape of copy number alterations in WDPM. The red and blue color represents the copynumber gains and copy-number loss respectively. (**a**) Aggregate copy-number alterations by chromosome regions in WDPM. (**b**) Sample-wise view of copy-number alterations. .

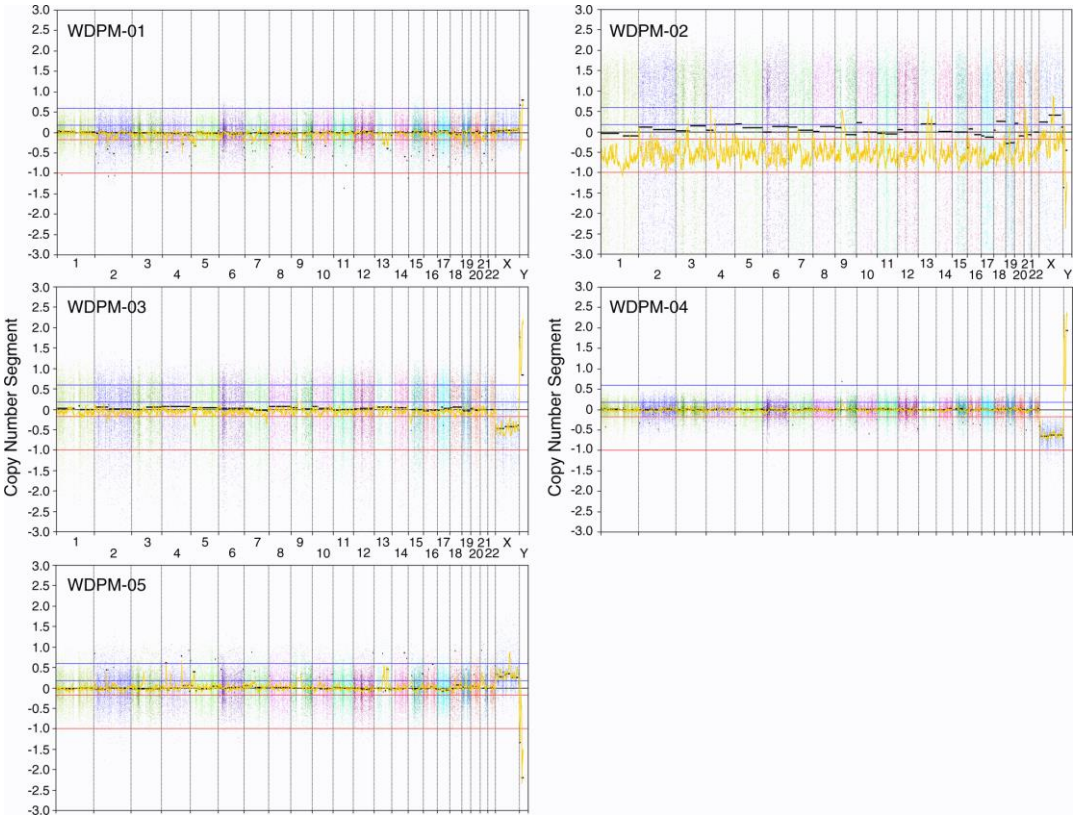

Figure S3. Copy number segments (log ratio) of WDPM samples.

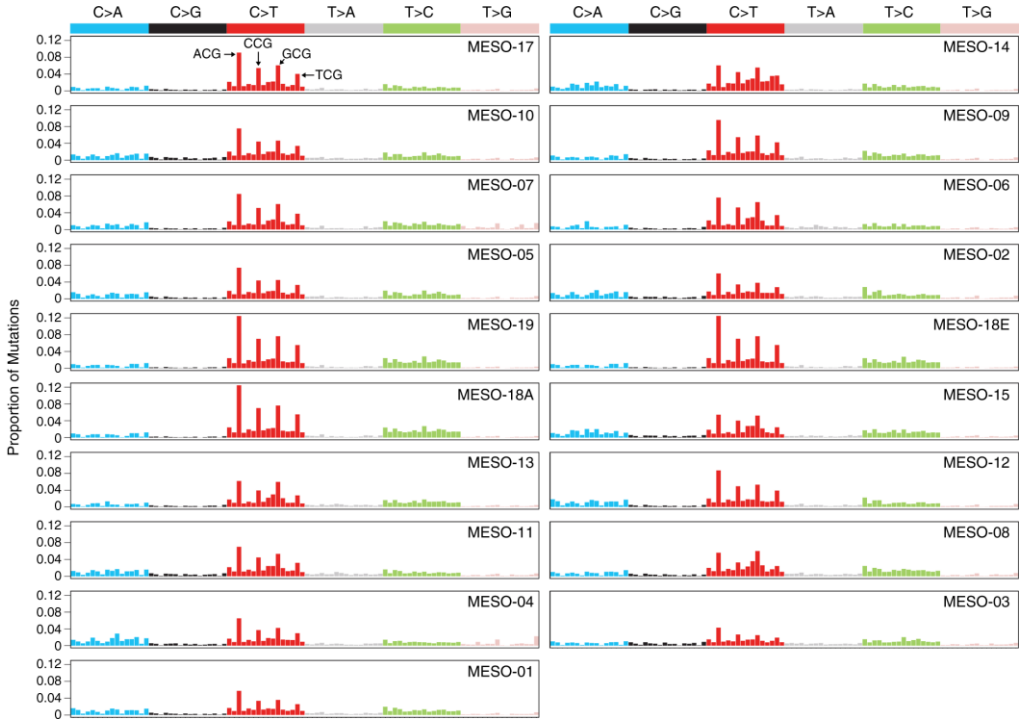

Figure S4. Mutational signature present in malignant peritoneal mesothelioma obtained from Shrestha et al, Genome Medicine 2019 [1].

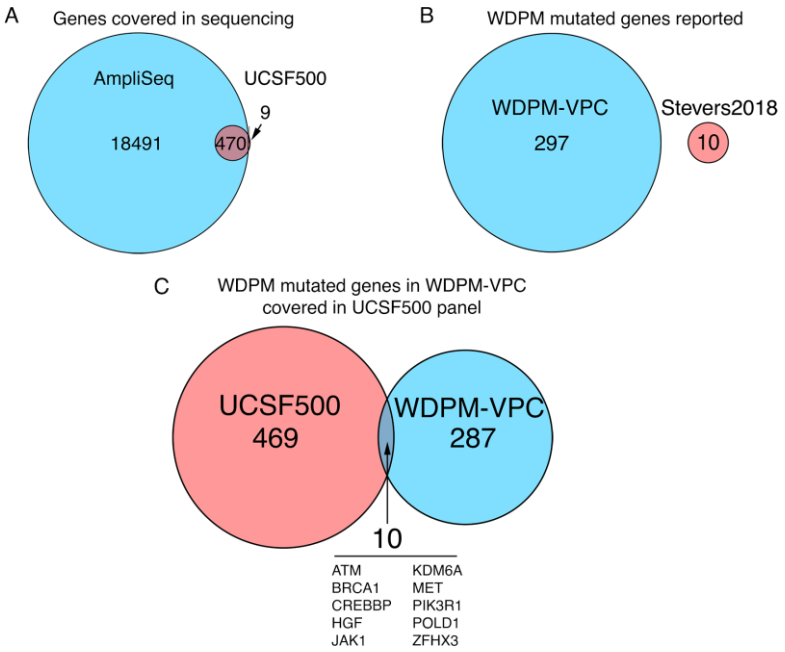

Figure S5. Comparison of Stevers et al. 2018 [2] with present study. (**A**) Venn diagram of sequencing target coverage between AmpliSeq Exome Sequencing (used our study, labelled here as WDPM-VPC) and UCSF500 gene panel (used by Stevers2018). (**B**) Venn diagram of WDPM mutated genes reported in Stevers2018 and WDPM-VPC. (**C**) Venn diagram of WDPM mutated genes in WDPM-VPC covered in UCSF500 gene panel.

Reference

1. Shrestha, R.; Nabavi, N.; Lin, Y.-Y.; Mo, F.; Anderson, S.; Volik, S.; Adomat, H.H.; Lin, D.; Xue, H.; Dong, X.; et al. BAP1 haploinsufficiency predicts a distinct immunogenic class of malignant peritoneal mesothelioma. *Genome Med.* **2019**, *11*, 8, doi:10.1186/s13073-019-0620-3.

2. Stevers, M.; Rabban, J.T.; Garg, K.; Van Ziffle, J.; Onodera, C.; Grenert, J.P.; Yeh, I.; Bastian, B.C.; Zaloudek, C.; Solomon, D.A. Well-differentiated papillary mesothelioma of the peritoneum is genetically defined by mutually exclusive mutations in TRAF7 and CDC42. *Mod. Pathol.* **2019**, *32*, 88–99, doi:10.1038/s41379-018-0127-2.