

Supplementary Table 1. Statistical analyses for eIF4E, 4E-BP1 and p4E-BP1^{ser65} staining patterns in CaP tissues

Tissue Groups

- 1 = Benign Prostatic Hyperplasia from patient without CaP
- 2 = Benign Prostatic Hyperplasia adjacent to CaP (Gleason score < 7)
- 3 = Benign Prostatic Hyperplasia adjacent to CaP (Gleason score ≥ 7)
- 4 = CaP Gleason score < 7
- 5 = CaP Gleason score ≥ 7

Cytoplasmic Intensity

<u>Tissue Group</u>	<u>eIF4E</u>	<u>p4E-BP1^{ser65}</u>	<u>4E-BP1</u>
1 vs 4	0.0099	0.8810	0.9997
1 vs 5	<0.0001	0.0357	0.0761
2 vs 4	<0.0001	0.0223	0.9985
3 vs 5	<0.0001	<0.0001	0.1189
4 vs 5	0.0016	0.3695	0.1020

Nuclear Histoscore

	<u>eIF4E</u>	<u>p4E-BP1^{ser65}</u>	<u>4E-BP1</u>
1 vs 4	0.0643	0.0674	0.2225
1 vs 5	0.0473	0.0475	0.3447
2 vs 4	0.0706	0.5068	0.1745
3 vs 5	0.4047	0.1127	0.5755
4 vs 5	0.9994	0.9994	0.9864

Trend Analyses Pearson Correlation Coefficients (across tissue groups 1-5)

	<u>eIF4E</u>	<u>p4E-BP1^{ser65}</u>	<u>4E-BP1</u>
Cytoplasmic Intensity	<0.0001	<0.0001	0.0091
Nuclear Histoscore	0.0004	0.0028	0.0079

Trend Analyses Spearman's Correlation Coefficient (across tissue groups 1-5)

	<u>eIF4E</u>	<u>p4E-BP1^{ser65}</u>	<u>4E-BP1</u>
Cytoplasmic Intensity	<0.0001	0.0018	0.0248
Nuclear Histoscore	0.0002	0.0005	<0.0001

