

Article Title: Hypoxia-Related Gene Expression in Renal Cell Carcinoma

Journal Name: Clinical and Translational Oncology

Authors: Yijun Shao, Harmony S. Cen, Anu Dhananjay, S. J. Pawan, Xiaomeng Lei, Inderbir S. Gill, Anishka D'souza, Vinay A. Duddalwar

Corresponding Author: Yijun Shao (yijunsha@usc.edu)

Affiliation: Keck School of Medicine, University of Southern California, Los Angeles, CA, USA

Online Resource 6. Random Forest (RF) Performance Stratified by Stage Based on All Radiomic Features

Biomarker	Stage I/II		Stage III/IV		Difference	
	Correlation Coefficient (95%CI)	p value	Correlation Coefficient (95%CI)	p value	Correlation Coefficient (95%CI)	p value
ANKZF1	-0.03 (-0.22, 0.16)	0.78	-0.04 (-0.25, 0.17)	0.72	-0.01 (-0.3, 0.27)	0.94
BCL2	0.01 (-0.17, 0.19)	0.9	0.07 (-0.17, 0.3)	0.57	0.06 (-0.24, 0.35)	0.71
ETS1	0.13 (-0.03, 0.29)	0.12	-0.01 (-0.26, 0.24)	0.96	-0.13 (-0.43, 0.16)	0.38
FBP1	0.06 (-0.12, 0.24)	0.54	0 (-0.23, 0.24)	0.99	-0.05 (-0.35, 0.24)	0.72
KLF6	0.13 (-0.04, 0.29)	0.13	0.1 (-0.17, 0.37)	0.48	-0.03 (-0.34, 0.29)	0.87
PCK1	0.06 (-0.1, 0.21)	0.47	0.03 (-0.34, 0.4)	0.88	-0.03 (-0.43, 0.37)	0.89
PDK1	-0.03 (-0.2, 0.13)	0.69	0.07 (-0.18, 0.32)	0.58	0.1 (-0.2, 0.4)	0.5
PLAUR	0.06 (-0.24, 0.36)	0.71	0.01 (-0.14, 0.16)	0.9	-0.05 (-0.38, 0.29)	0.79
PLOD2	-0.07 (-0.28, 0.15)	0.53	-0.09 (-0.28, 0.1)	0.34	-0.02 (-0.3, 0.26)	0.88
PPARGC1A	-0.16 (-0.32, 0.01)	0.06	-0.03 (-0.31, 0.26)	0.86	0.13 (-0.2, 0.46)	0.43
RORA	0 (-0.15, 0.16)	0.96	0.1 (-0.21, 0.4)	0.54	0.09 (-0.25, 0.43)	0.6
TEK	-0.07 (-0.25, 0.1)	0.39	-0.13 (-0.38, 0.11)	0.28	-0.06 (-0.36, 0.24)	0.7
WSB1	-0.12 (-0.29, 0.05)	0.17	-0.12 (-0.36, 0.13)	0.36	0 (-0.3, 0.3)	0.99