Supplementary Table 4. Early AR (1year) associated 8 genes

Gene	Unadjusted P-Vale	Adjusted* P-Value	Adjusted* OR (2.5%-97.5% CI)
HLA-E	0.01255	0.03680	5.09 (1.24-26.56)
RAB31	0.00557	0.00641	3.83 (1.58-11.21)
REXO2	0.02985	0.02090	0.51 (0.28-0.87)
ENOSF1	0.00150	0.00064	0.50 (0.32-0.72)
DIP2C	0.01278	0.00253	0.50 (0.30-0.75)
KCTD6	0.00093	0.00192	0.40 (0.21-0.68)
PDXDC1	0.00117	0.00079	0.37 (0.19-0.63)
FBXO21	0.00392	0.00089	0.25 (0.10-0.53)

*Adjusted values based on multivariable generalized linear model including age, race, gender, use of depletional induction immunosuppression, and use of belatacept based maintenance immunosuppression.