

# Abbreviations



AA	Arachidonic acid
AGR2	Anterior gradient 2
AMACR	Alpha-methylacyl coenzyme A racemase
AMT	Accurate mass and time
APC	Antigen presenting cell
AUC	Area under curve
BCR	Biochemical recurrence
BPH	Benign prostate hyperplasia
BSA	Bovine serum albumin
CAV1	Caveolin-1
CM	Confocal microscopy
CRISP3	Cysteine-rich secretory protein 3
CRM1	Chromosomal maintenance 1
CRPC	Castration resistant prostate cancer
DNA	Deoxyribonucleic acid
DRE	Digital rectal exam
EGFR	Epidermal growth factor receptor
ELISA	Enzyme-linked immunosorbent assay
EM	Electron microscopy
EMSL	Environmental and molecular science laboratory
ENO1	Enolase-1
ERSPC	European randomized study of screening of prostate cancer
ESCRT	Endosomal sorting complex responsible for transport
Eu	Europium
EV	Extracellular vesicles
FACS	Fluorescence-activated cell sorting
FASN	Fatty acid synthetase N
FCS	Fetal calf serum
FDR	False discovery rate
FFPE	Formalin-fixed paraffin-embedded
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
GOLPH2	Golgi phosphoprotein 2
GSTP1	Glutathione S-transferase pi 1
GWAS	Genome wide association studies
HETE	Hydroxyeicosatetraenoic acid
HPRD	Human protein reference database
HRP	Horse radish peroxidase
IHC	Immunohistochemistry
IPA	Ingenuity pathway analysis

KLK2	Kallikrein 2
KLK3	Kallikrein 3
LC	Liquid chromatography
LDHA	Lactate dehydrogenase-A protein
LFQ	Label free quantification
LOX5	Lipoxygenase 5
LX15B	Arachidonate 15-lipoxygenase type B
MHC	Major histocompatibility complex
mRNA	Messenger RNA
MS	Mass spectrometry
MVB	Multivesicular body
MYO6	Myosin 6
NAP	Normal adjacent prostate
P/S	Penicillin/Streptomycin
PBS	Phosphate buffered saline
PSA	Prostate specific antigen
PCa	Prostate cancer
PCA3	Prostate cancer antigen 3
PDCD6IP	Programmed cell death 6 interacting protein
PRM	Parallel reaction monitoring
PSCA	Prostate stem cell antigen
PSMA	Prostate specific membrane antigen
qPCR	Quantitative polymerase chain reaction
RNA	Ribonucleic acid
ROC	Receiver operating characteristic
RP	Radical prostatectomy
RPLC	Reverse phase liquid chromatography
RT-PCR	Reverse transcriptase PCR
SNP	Single nucleotide polymorphisms
TMA	Tissue micro-array
TRF	Time resolved fluorescence
TR-FIA	Time resolved fluorescence immunoassay
TURP	Transurethral resection of the prostate
UCr	Urinary creatinine
UPSA	Urinary prostate specific antigen
XPO1	Exportin-1