

51. The method of any one of claims 38-40, wherein the one or more prostate cancer related markers is selected from the group consisting of keratin 7 and keratin 15.

52. The method of any one of claims 49-51, further comprising determining the level of prostate specific antigen (PSA) in the first biological sample and the second biological sample.

53. The method of claim 52, further comprising comparing the level of PSA in the second biological sample to the level of PSA in the first biological sample.

54. The method of any one of claims 38-53, further comprising comparing the level of the one or more prostate cancer related markers in the first biological sample or the second biological sample with the level of the one or more prostate cancer related markers in a control sample selected from the group consisting of: a normal control sample, a sample from a subject with benign prostatic hyperplasia (BPH), a sample from a subject with non-metastatic prostate cancer, a sample from a subject with metastatic prostate cancer, a sample from a subject with androgen sensitive prostate cancer, a sample from a subject with androgen insensitive prostate cancer, a sample from a subject with aggressive prostate cancer, and a sample from a subject with non-aggressive prostate cancer.

55. The method of any one of claims 38-54, further comprising detecting the size of the prostate tumor in the subject.

56. The method of any one of claims 38-54, further comprising obtaining a first sample and a second sample from the subject.

57. The method of claim 42, wherein the method further comprises selecting ~~and/or administering~~ a different treatment regimen for the subject based on progression of the prostate cancer in the subject.

58. The method of claim 43, wherein the method further comprises maintaining a treatment regimen for the subject based on non-progression of the prostate cancer in the subject.

59. The method of claim 57 or 58, wherein the treatment regimen comprises one or more treatments selected from the group consisting of: surgery, radiation, hormone therapy, antibody therapy, growth factor therapy, cytokine therapy, and chemotherapy.