49. The use according to Claim 32 wherein the Brachyury fusion protein comprises the amino acid sequence of SEQ ID NO:8.

50. The use according to Claim 32 wherein the Brachyury fusion protein comprises the amino acid sequence of SEQ ID NO:20.

51. The use according to Claim 32, wherein the whole yeast is heat-inactivated.

52. The use according to Claim 32, wherein the yeast is *Saccharomyces cerevisiae*.

53. An immunotherapeutic composition comprising:

a) a yeast vehicle;

b) a cancer antigen comprising a Brachyury antigen, wherein the Brachyury antigen comprises SEQ ID NO:6, positions 2-435 of SEQ ID NO:6, SEQ ID NO:18, positions 2-435 of SEQ ID NO:18, or an amino acid sequence that is at least 85% identical to SEQ ID NO:18 and comprises a substitution of a leucine at position 254 with a valine; and

c) a pharmaceutically acceptable excipient suitable for administration to a human.

54. The immunotherapeutic composition of Claim 53, wherein the Brachyury antigen comprises an amino acid sequence that is at least 90% identical to SEQ ID NO:18 and comprises a substitution of a leucine at position 254 with a valine.

55. The immunotherapeutic composition of Claim 53, wherein the Brachyury antigen comprises an amino acid sequence that is at least 95% identical to SEQ ID NO:18 and comprises a substitution of a leucine at position 254 with a valine.

56. The immunotherapeutic composition of Claim 53, wherein the yeast vehicle is a whole yeast.

57. The immunotherapeutic composition of Claim 56, wherein the whole yeast is killed.

58. The immunotherapeutic composition of Claim 57, wherein the whole yeast is heat-inactivated.

59. The immunotherapeutic composition of Claim 53, wherein the yeast vehicle expresses the antigen.

60. The immunotherapeutic composition of Claim 53, wherein the yeast is from a genus selected from the group consisting of: *Saccharomyces, Candida, Cryptococcus, Hansenula, Kluyveromyces, Pichia, Rhodotorula, Schizosaccharomyces* and *Yarrowia*.

61. The immunotherapeutic composition of Claim 53, wherein the yeast is from *Saccharomyces*.

62. The immunotherapeutic composition of Claim 53, wherein the yeast is from *Saccharomyces cerevisiae*.