Claims

1. A composition comprising at least one mRNA, wherein the at least one mRNA encodes the following antigens:

- 5T4 (Trophoblast glycoprotein, TPBG);
- Survivin (Baculoviral IAP repeat-containing protein 5; BIRC5),
- NY-ESO-1 (New York esophageal squamous cell carcinoma 1 ; CTAG1 B),
- MAGE-C1 (Melanoma antigen family C1);
- MAGE-C2 (Melanoma antigen family C2), and
- MUC1 (Mucin 1),

or fragments thereof and wherein the at least one mRNA is mono-, bi- or multicistronic, and wherein a sequence forming a stem region in a histone stem-loop has a length of 5 to 10 bases, preferably 5 to 8 bases.