

Your RepliTope™ of Tumor Associated Antigens

> RepliTope™ are peptide microarrays displaying overlapping peptide scans through antigens or whole pathogen genomes

Breast/Prostate

- Mammaglobin A
- Mucin-1
- NY-ESO-1
- PSA
- SSX2
- TARP

Epithelia

- CEA
- Claudin-6
- MMP11

Hematopoietic tumors

- c-Myc

Melanoma

- MAGEA1, A3 and A4
- Melan-A/MART-1
- Melanocyte protein Pmel gp100
- Prame/OIP4

Vaccinia virus

- MVA018L (Host range p. 2), MVA 074R
- MVA093L (p53), MVA105L (Cell surface-binding p.)
- MVA 121L (Major core p.), MVA189R

Wilms tumor1

- WT33

Miscellaneous

- Actin
- Arabidopsis (WRKY47)
- Cyclin B1
- ErbB2_ICD
- HLA classI Ig-like C1
- Histone H1.2 and H4
- MOG
- P53_human
- SOX-2
- Survivin
- TARP
- Telomerase reverse transcriptase
- TRP-2
- Tyrosinase (Human)
- Tyrosinase (Mouse)

"Identification of New Substrates of the Protein Tyrosine Phosphatase PTP18 by Bayesian Integration of Proteome Evidence", Ferrari et al., J. Biol. Chem. (2011); "Epitope Mapping Using Randomly Generated Peptide Libraries", Bongartz et al., Methods in Molecular Biology, Epitope Mapping Protocols (2009); "Long-Lived Plasma Cells and Memory B Cells produce Pathogenic Anti-GAD65 Autoantibodies in Stiff Person Syndrome", Rizi et al., PloSONE (2010); "Validation of peptide epitope microarray experiments and extraction of quality data"; Nathman et al., J. Immunol Methods (2007)

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