

Sequence_Listing
SEQUENCE LISTING

<110> Savoldo, Barbara
Dotti, Gianpietro
Barth, Caroline Eva Arber

<120> SURVIVIN SPECIFIC T-CELL RECEPTOR TARGETING TUMOR BUT NOT T CELLS

<130> BAYM.P0109W0-11509892

<140> UNKNOWN
<141> 2015-10-30

<150> 62/073076
<151> 2014-10-31

<160> 32

<170> PatentIn version 3.5

<210> 1
<211> 114
<212> PRT
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<220>
<223> TCR beta chain

<400> 1

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Tyr Trp Tyr Gln Gln Lys Ser Ser Gln Ala Pro Lys Leu Leu Phe His
35 40 45

Tyr Tyr Asp Lys Asp Phe Asn Asn Glu Ala Asp Thr Pro Asp Asn Phe
50 55 60

Gln Ser Arg Arg Pro Asn Thr Ser Phe Cys Phe Leu Asp Ile Arg Ser
65 70 75 80

Sequence_Listing

Pro Gly Leu Gly Asp Ala Ala Met Tyr Leu Cys Ala Thr Ser Arg Gly
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Asp Ser Thr Ala Glu Pro Gln His Phe Gly Asp Gly Thr Arg Leu Ser
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Ile Leu

<210> 2
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<213> Artificial Sequence

<220>
<223> TCR alpha chain

<400> 2

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Phe Ile Trp Tyr Lys Gln Glu Ser Gly Lys Gly Pro Gln Phe Ile Ile
35 40 45

Asp Ile Arg Ser Asn Met Asp Lys Arg Gln Gly Gln Arg Val Thr Val
50 55 60

Leu Leu Asn Lys Thr Val Lys His Leu Ser Leu Gln Ile Ala Ala Thr
65 70 75 80

Gln Pro Gly Asp Ser Ala Val Tyr Phe Cys Ala Glu Thr Val Thr Asp
85 90 95

Sequence_Listing

Ser Trp Gly Lys Leu Gln Phe Gly Ala Gly Thr Gln Val Val Val Thr
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Pro Asp

<210> 3
<211> 595
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<400> 3

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Val Gln Cys Asp Ala Met Val Ile Gln Asn Pro Arg Tyr Gln Val Thr
20 25 30

Gln Phe Gly Lys Pro Val Thr Leu Ser Cys Ser Gln Thr Leu Asn His
35 40 45

Asn Val Met Tyr Trp Tyr Gln Gln Lys Ser Ser Gln Ala Pro Lys Leu
50 55 60

Leu Phe His Tyr Tyr Asp Lys Asp Phe Asn Asn Glu Ala Asp Thr Pro
65 70 75 80

Asp Asn Phe Gln Ser Arg Arg Pro Asn Thr Ser Phe Cys Phe Leu Asp
85 90 95

Ile Arg Ser Pro Gly Leu Gly Asp Ala Ala Met Tyr Leu Cys Ala Thr
100 105 110

Ser Arg Gly Asp Ser Thr Ala Glu Pro Gln His Phe Gly Asp Gly Thr
115 120 125

Sequence_Listing

Arg Leu Ser Ile Leu Glu Asp Leu Arg Asn Val Thr Pro Pro Lys Val
130 135 140

Ser Leu Phe Glu Pro Ser Lys Ala Glu Ile Ala Asn Lys Gln Lys Ala
145 150 155 160

Thr Leu Val Cys Leu Ala Arg Gly Phe Phe Pro Asp His Val Glu Leu
165 170 175

Ser Trp Trp Val Asn Gly Lys Glu Val His Ser Gly Val Ser Thr Asp
180 185 190

Pro Gln Ala Tyr Lys Glu Ser Asn Tyr Ser Tyr Cys Leu Ser Ser Arg
195 200 205

Leu Arg Val Ser Ala Thr Phe Trp His Asn Pro Arg Asn His Phe Arg
210 215 220

Cys Gln Val Gln Phe His Gly Leu Ser Glu Glu Asp Lys Trp Pro Glu
225 230 235 240

Gly Ser Pro Lys Pro Val Thr Gln Asn Ile Ser Ala Glu Ala Trp Gly
245 250 255

Arg Ala Asp Cys Gly Ile Thr Ser Ala Ser Tyr His Gln Gly Val Leu
260 265 270

Ser Ala Thr Ile Leu Tyr Glu Ile Leu Leu Gly Lys Ala Thr Leu Tyr
275 280 285

Ala Val Leu Val Ser Gly Leu Val Leu Met Ala Met Val Lys Lys Lys
290 295 300

Asn Ser Arg Ala Glu Gly Arg Gly Ser Leu Leu Thr Cys Gly Asp Val
305 310 315 320

Sequence_Listing

Glu Glu Asn Pro Gly Pro Met Glu Phe Gly Leu Ser Trp Leu Phe Leu
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 Val Ala Ile Leu Lys Gly Val Gln Cys Gly Glu Ser Val Gly Leu His
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 370 375 380
 Ser Gly Lys Gly Pro Gln Phe Ile Ile Asp Ile Arg Ser Asn Met Asp
 385 390 395 400
 Lys Arg Gln Gly Gln Arg Val Thr Val Leu Leu Asn Lys Thr Val Lys
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 His Leu Ser Leu Gln Ile Ala Ala Thr Gln Pro Gly Asp Ser Ala Val
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Sequence_Listing

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Phe Thr Cys Gln Asp Ile Phe Lys Glu Thr Asn Ala Thr Tyr Pro Ser
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Ser Asp Val Pro Cys Asp Ala Thr Leu Thr Glu Lys Ser Phe Glu Thr
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Asp Met Asn Leu Asn Phe Gln Asn Leu Ser Val Met Gly Leu Arg Ile
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Leu Leu Leu Lys Val Ala Gly Phe Asn Leu Leu Met Thr Leu Arg Leu
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Trp Ser Ser
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<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer

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Sequence_Listing

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Sequence_Listing

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Sequence_Listing

<220>

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