

1  
SEQUENCE LISTING

<110> INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE  
INSTITUT CURIE

<120> COMPOSITIONS AND METHODS FOR REGULATING T CELL ACTIVITY

<130> B0667W0

<150> US 60/885,811

<151> 2007-01-19

<160> 19

<170> PatentIn version 3.3

<210> 1

<211> 363

<212> DNA

<213> Mus musculus

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cctgaacagg gcctggagtg gattggaagg actgacctg cgagtgggtga tactaaatat	180
gacccgaagt tccagggcaa ggccactata acagcagaca catcctcaa cacagcctac	240
ctgcacctca gcagcctgac atctgaggac actgccgtct attactgtgc ccactactat	300
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			20					25					30		
His	Met	His	Trp	Val	Lys	Gln	Arg	Pro	Glu	Gln	Gly	Leu	Glu	Trp	Ile
		35					40					45			
Gly	Arg	Thr	Asp	Pro	Ala	Ser	Gly	Asp	Thr	Lys	Tyr	Asp	Pro	Lys	Phe

50 55 2 60

Gln Gly Lys Ala Thr Ile Thr Ala Asp Thr Ser Ser Asn Thr Ala Tyr  
65 70 75 80

Leu His Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
85 90 95

Ala His Tyr Tyr Arg Asp Asp Val Asn Tyr Ala Met Asp Tyr Trp Gly  
100 105 110

Gln Gly Thr Thr Val Thr Val Ser Ser  
115 120

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gggcaatctc	ctaaatcact	gatttattcc	tcatctttcc	ggtagcagtg	agtccctgat	180
cgcttcacag	gcagtggatc	tgggacagat	ttcactctca	ccatcagcaa	tgtgcagtct	240
gaagacttgg	cagagtatct	ctgtcagcaa	tataacacct	atccgtacac	gttcggaggg	300
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ttgaccaagg	acgagtatga	acgacataac	agctataacct	gtgagggccac	tcacaagaca	600
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Asp Arg Val Ser Val Thr Cys Lys Ala Arg Gln Asn Val Gly Ser Asn  
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Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Ser Leu Ile  
35 40 45

Tyr Ser Ser Ser Phe Arg Tyr Ser Gly Val Pro Asp Arg Phe Thr Gly  
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Asn Val Gln Ser  
65 70 75 80

Glu Asp Leu Ala Glu Tyr Phe Cys Gln Gln Tyr Asn Thr Tyr Pro Tyr  
85 90 95

Thr Phe Gly Gly Gly Thr Glu Leu Glu Ile Arg Arg Ala Asp Ala Ala  
100 105 110

Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly  
115 120 125

Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile  
130 135 140

Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu  
145 150 155 160

Asn Ser Trp Thr Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr  
165 170 175

Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys  
180 185 190

Glu Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn  
195 200 205

Arg Asn Glu Cys Arg Gln Arg Ser Asp Ala Thr Thr Ser Ser Pro Ala  
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Pro Ser Tyr Leu Arg Ile Arg  
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Thr Asp Pro Ala Ser Gly Asp Thr  
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Ser Ser Ser  
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 cctgaacagg gcctggagtg gattggaagg actgatcctg cgagtgggtga tattaaatat 180  
 gacccgaagt tccagggcaa ggccactata acagcagaca catcctcaa cacagcctac 240

ctgcacctca gcagcctgac atctgaggac actgccgtct attactgtgc ccactactat 300  
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Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Thr  
 20 25 30

His Met His Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Ile  
 35 40 45

Gly Arg Thr Asp Pro Ala Ser Gly Asp Ile Lys Tyr Asp Pro Lys Phe  
 50 55 60

Gln Gly Lys Ala Thr Ile Thr Ala Asp Thr Ser Ser Asn Thr Ala Tyr  
 65 70 75 80

Leu His Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Tyr Cys  
 85 90 95

Ala His Tyr Tyr Arg Asp Asp Val Asn Tyr Ala Met Asp Tyr Trp Gly  
 100 105 110

Gln Gly Thr Thr Val Thr Val Ser Ser  
 115 120

<210> 13  
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 gggcaatctc ctaaactact gatttattcc tcatcgttcc ggtacagtgg agtccttgat 180

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cgcttcacag gcagtggatc tgggacagat ttactctca ccatcagcaa tgtgcagtct 240
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gggactgagc tggaataaaa acgggctgat gctgcaccaa ctgtatccat cttcccacca 360
tccagtgagc agttaacatc tggaggtgcc tcagtcgtgt gcttcttgaa caacttctac 420
cccaaagaca tcaatgtcaa gtggaagatt gatggcagtg aacgacaaaa tggcgtcctg 480
aacagttgga ctgatcagga cagcaaagac agcacctaca gcatgagcag caccctcacg 540
ttgaccaagg acgagtatga acgacataac agctatacct gtgaggccac tcacaagaca 600
tcaacttcac ccattgtcaa gagcttcaac aggaatgagt gttagagaca aaggctctga 660
gacgccacca ccagctcccc agctccatcc tatcttcgga tccgcga 707

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Asp Ile Val Met Thr Gln Ser Gln Lys Phe Leu Ser Thr Ser Val Gly
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Asp Arg Val Ser Val Thr Cys Lys Ala Ser Gln Asn Val Gly Thr Asn
20           25           30

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Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Ser Leu Ile
35           40           45

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Tyr Ser Ser Ser Phe Arg Tyr Ser Gly Val Pro Asp Arg Phe Thr Gly
50           55           60

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Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Asn Val Gln Ser
65           70           75           80

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Glu Asp Leu Ala Glu Tyr Phe Cys Gln Gln Tyr Asn Thr Tyr Pro Tyr
85           90           95

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Thr Phe Gly Gly Gly Thr Glu Leu Glu Ile Lys Arg Ala Asp Ala Ala
100          105          110

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Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly
115          120          125

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Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile  
130 135 140

Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu  
145 150 155 160

Asn Ser Trp Thr Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr  
165 170 175

Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys  
180 185 190

Glu Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn  
195 200 205

Arg Asn Glu Cys Arg Gln Arg Ser Asp Ala Thr Thr Ser Ser Pro Ala  
210 215 220

Pro Ser Tyr Leu Arg Ile Arg  
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Thr Asp Pro Ala Ser Gly Asp Ile  
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Val Gln Ile Asn Cys Thr Tyr Gln Thr Ser Gly Phe Thr Phe Asn Gly  
20 25 30

Leu Phe Trp Tyr Gln Gln His Ala Gly Glu Ala Pro Thr Phe Leu Ser  
35 40 45

Tyr Asn Val Leu Asp Gly Leu Glu Glu Lys Gly Arg Phe Ser Ser Phe  
50 55 60

Leu Ser Arg Ser Lys Gly Tyr Ser Tyr Leu Leu Leu Lys Glu Leu Gln  
65 70 75 80

Met Lys Asp Ser Ala Ser Tyr Leu Cys Ala Val Lys Asp Ser Asn Tyr  
85 90 95

Gln Leu Ile Trp Gly Ala Gly Thr Lys Leu Ile Ile Lys Pro  
100 105 110

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20 25 30

Trp Tyr Gln Gln Arg Glu Gly Trp Ala Pro Val Phe Leu Ser Tyr Val  
35 40 45

Val Leu Asp Gly Leu Lys Asp Ser Gly His Phe Ser Thr Phe Leu Ser  
50 55 60

Arg Ser Asn Gly Tyr Ser Tyr Leu Leu Leu Thr Glu Leu Gln Ile Lys  
65 70 75 80

Asp Ser Ala Ser Tyr Leu Cys Ala Val Arg Asp Ser Asn Tyr Trp Leu  
85 90 95

Ile Trp Gly Ser Gly Thr Lys Leu Ile Ile Lys Pro  
100 105

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<212> PRT

<213> bos taurus

<400> 19

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Leu Lys Glu Leu His Met Lys Asp Phe Ala Ser Tyr Leu Cys Val Val  
20 25 30

Met Asp Gly Asn Tyr Trp Trp Ile Trp Gly Ser Gly Thr Lys Leu Ile  
35 40 45



Ile Lys Pro  
50