

SEQUENCE LISTING

<110> MACDONALD, Lynn
 TU, Naxin
 GURER, Cagan
 STEVENS, Sean
 MURPHY, Andrew J.

<120> HUMANIZED FC γ R MICE

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 <151> 2009-12-21

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 Ser Gln Ala Ala Ala Pro Pro Lys Ala Val Leu Lys Leu Glu Pro Pro
 35 40 45
 Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu Thr Cys Gln Gly
 50 55 60
 Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe His Asn Gly Asn
 65 70 75 80
 Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe Lys Ala Asn Asn
 85 90 95
 Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln Thr Ser Leu Ser
 100 105 110
 Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu Val Leu Gln Thr
 115 120 125
 Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met Leu Arg Cys His
 130 135 140
 Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe Phe Gln Asn Gly
 145 150 155 160
 Lys Ser Gln Lys Phe Ser His Leu Asp Pro Thr Phe Ser Ile Pro Gln
 165 170 175
 Ala Asn His Ser His Ser Gly Asp Tyr His Cys Thr Gly Asn Ile Gly
 180 185 190
 Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr Val Gln Val Pro
 195 200 205
 Ser Met Gly Ser Ser Ser Pro Met Gly Ile Ile Val Ala Val Val Ile
 210 215 220
 Ala Thr Ala Val Ala Ala Ile Val Ala Ala Val Val Ala Leu Ile Tyr
 225 230 235 240
 Cys Arg Lys Lys Arg Ile Ser Ala Asn Ser Thr Asp Pro Val Lys Ala
 245 250 255
 Ala Gln Phe Glu Pro Pro Gly Arg Gln Met Ile Ala Ile Arg Lys Arg
 260 265 270
 Gln Leu Glu Glu Thr Asn Asn Asp Tyr Glu Thr Ala Asp Gly Gly Tyr
 275 280 285
 Met Thr Leu Asn Pro Arg Ala Pro Thr Asp Asp Asp Lys Asn Ile Tyr
 290 295 300
 Leu Thr Leu Pro Pro Asn Asp His Val Asn Ser Asn Asn
 305 310 315

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			20						25					30		
	Ala	Val	Leu	Phe	Leu	Ala	Ala	Pro	Pro	Lys	Ala	Val	Leu	Lys	Leu	Glu
			35					40					45			
	Pro	Gln	Trp	Ile	Asn	Val	Leu	Gln	Glu	Asp	Ser	Val	Thr	Leu	Thr	Cys
		50					55					60				
	Arg	Gly	Thr	His	Ser	Pro	Glu	Ser	Asp	Ser	Ile	Gln	Trp	Phe	His	Asn
65						70					75					80
	Gly	Asn	Leu	Ile	Pro	Thr	His	Thr	Gln	Pro	Ser	Tyr	Arg	Phe	Lys	Ala
				85						90					95	
	Asn	Asn	Asn	Asp	Ser	Gly	Glu	Tyr	Thr	Cys	Gln	Thr	Gly	Gln	Thr	Ser
				100					105					110		
	Leu	Ser	Asp	Pro	Val	His	Leu	Thr	Val	Leu	Ser	Glu	Trp	Leu	Val	Leu
			115					120					125			
	Gln	Thr	Pro	His	Leu	Glu	Phe	Gln	Glu	Gly	Glu	Thr	Ile	Val	Leu	Arg
		130					135					140				
	Cys	His	Ser	Trp	Lys	Asp	Lys	Pro	Leu	Val	Lys	Val	Thr	Phe	Phe	Gln
145						150					155					160
	Asn	Gly	Lys	Ser	Lys	Lys	Phe	Ser	Arg	Ser	Asp	Pro	Asn	Phe	Ser	Ile
				165					170					175		
	Pro	Gln	Ala	Asn	His	Ser	His	Ser	Gly	Asp	Tyr	His	Cys	Thr	Gly	Asn
				180					185					190		
	Ile	Gly	Tyr	Thr	Leu	Tyr	Ser	Ser	Lys	Pro	Val	Thr	Ile	Thr	Val	Gln
		195						200					205			
	Ala	Pro	Ser	Ser	Ser	Pro	Met	Gly	Ile	Ile	Val	Ala	Val	Val	Thr	Gly
		210					215					220				
	Ile	Ala	Val	Ala	Ala	Ile	Val	Ala	Ala	Val	Val	Ala	Leu	Ile	Tyr	Cys
225						230					235					240
	Arg	Lys	Lys	Arg	Ile	Ser	Ala	Leu	Pro	Gly	Tyr	Pro	Glu	Cys	Arg	Glu
				245						250					255	
	Met	Gly	Glu	Thr	Leu	Pro	Glu	Lys	Pro	Ala	Asn	Pro	Thr	Asn	Pro	Asp
				260					265					270		
	Glu	Ala	Asp	Lys	Val	Gly	Ala	Glu	Asn	Thr	Ile	Thr	Tyr	Ser	Leu	Leu
			275					280					285			
	Met	His	Pro	Asp	Ala	Leu	Glu	Glu	Pro	Asp	Asp	Gln	Asn	Arg	Ile	
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Ala Asp Cys Lys Ser Pro Gln Pro Trp Gly His Met Leu Leu Trp Thr
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Ala Val Leu Phe Leu Ala Pro Val Ala Gly Thr Pro Ala Ala Pro Pro
35 40 45
Lys Ala Val Leu Lys Leu Glu Pro Gln Trp Ile Asn Val Leu Gln Glu
50 55 60
Asp Ser Val Thr Leu Thr Cys Arg Gly Thr His Ser Pro Glu Ser Asp
65 70 75 80
Ser Ile Pro Trp Phe His Asn Gly Asn Leu Ile Pro Thr His Thr Gln
85 90 95
Pro Ser Tyr Arg Phe Lys Ala Asn Asn Asn Asp Ser Gly Glu Tyr Thr

			100					105				110					
Cys	Gln	Thr	Gly	Gln	Thr	Ser	Leu	Ser	Asp	Pro	Val	His	Leu	Thr	Val		
		115						120				125					
Leu	Ser	Glu	Trp	Leu	Val	Leu	Gln	Thr	Pro	His	Leu	Glu	Phe	Gln	Glu		
	130						135				140						
Gly	Glu	Thr	Ile	Val	Leu	Arg	Cys	His	Ser	Trp	Lys	Asp	Lys	Pro	Leu		
145				150				155						160			
Val	Lys	Val	Thr	Phe	Phe	Gln	Asn	Gly	Lys	Ser	Lys	Lys	Phe	Ser	Arg		
			165					170						175			
Ser	Asp	Pro	Asn	Phe	Ser	Ile	Pro	Gln	Ala	Asn	His	Ser	His	Ser	Gly		
		180						185					190				
Asp	Tyr	His	Cys	Thr	Gly	Asn	Ile	Gly	Tyr	Thr	Leu	Tyr	Ser	Ser	Lys		
	195						200					205					
Pro	Val	Thr	Ile	Thr	Val	Gln	Ala	Pro	Ser	Ser	Ser	Pro	Met	Gly	Ile		
	210					215					220						
Ile	Val	Ala	Val	Val	Thr	Gly	Ile	Ala	Val	Ala	Ala	Ile	Val	Ala	Ala		
225					230			235						240			
Val	Val	Ala	Leu	Ile	Tyr	Cys	Arg	Lys	Lys	Arg	Ile	Ser	Ala	Asn	Ser		
			245					250						255			
Thr	Asp	Pro	Val	Lys	Ala	Ala	Gln	Phe	Glu	Pro	Pro	Gly	Arg	Gln	Met		
		260					265						270				
Ile	Ala	Ile	Arg	Lys	Arg	Gln	Pro	Glu	Glu	Thr	Asn	Asn	Asp	Tyr	Glu		
	275					280					285						
Thr	Ala	Asp	Gly	Gly	Tyr	Met	Thr	Leu	Asn	Pro	Arg	Ala	Pro	Thr	Asp		
	290				295					300							
Asp	Asp	Lys	Asn	Ile	Tyr	Leu	Thr	Leu	Pro	Pro	Asn	Asp	His	Val	Asn		
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		20					25					30					
Gln	Cys	Gly	Ile	Met	Trp	Gln	Leu	Leu	Pro	Thr	Ala	Leu	Leu	Leu			
	35					40					45						
Leu	Val	Ser	Ala	Gly	Met	Arg	Thr	Glu	Asp	Leu	Pro	Lys	Ala	Val	Val		
	50				55				60								
Phe	Leu	Glu	Pro	Gln	Trp	Tyr	Arg	Val	Leu	Glu	Lys	Asp	Ser	Val	Thr		
65				70				75						80			
Leu	Lys	Cys	Gln	Gly	Ala	Tyr	Ser	Pro	Glu	Asp	Asn	Ser	Thr	Gln	Trp		
			85					90					95				
Phe	His	Asn	Glu	Ser	Leu	Ile	Ser	Ser	Gln	Ala	Ser	Ser	Tyr	Phe	Ile		
		100					105					110					
Asp	Ala	Ala	Thr	Val	Asp	Asp	Ser	Gly	Glu	Tyr	Arg	Cys	Gln	Thr	Asn		
	115					120					125						
Leu	Ser	Thr	Leu	Ser	Asp	Pro	Val	Gln	Leu	Glu	Val	His	Ile	Gly	Trp		
	130				135					140							
Leu	Leu	Leu	Gln	Ala	Pro	Arg	Trp	Val	Phe	Lys	Glu	Glu	Asp	Pro	Ile		
145				150				155						160			
His	Leu	Arg	Cys	His	Ser	Trp	Lys	Asn	Thr	Ala	Leu	His	Lys	Val	Thr		

				165					170					175			
Tyr	Leu	Gln	Asn	Gly	Lys	Gly	Arg	Lys	Tyr	Phe	His	His	Asn	Ser	Asp		
			180					185					190				
Phe	Tyr	Ile	Pro	Lys	Ala	Thr	Leu	Lys	Asp	Ser	Gly	Ser	Tyr	Phe	Cys		
		195					200					205					
Arg	Gly	Leu	Phe	Gly	Ser	Lys	Asn	Val	Ser	Ser	Glu	Thr	Val	Asn	Ile		
	210					215					220						
Thr	Ile	Thr	Gln	Gly	Leu	Ala	Val	Ser	Thr	Ile	Ser	Ser	Phe	Phe	Pro		
225					230					235					240		
Pro	Gly	Tyr	Gln	Val	Ser	Phe	Cys	Leu	Val	Met	Val	Leu	Leu	Phe	Ala		
				245					250					255			
Val	Asp	Thr	Gly	Leu	Tyr	Phe	Ser	Val	Lys	Thr	Asn	Ile	Arg	Ser	Ser		
			260					265					270				
Thr	Arg	Asp	Trp	Lys	Asp	His	Lys	Phe	Lys	Trp	Arg	Lys	Asp	Pro	Gln		
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Asp	Lys																
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<210> 36

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			20					25				30					
Gln	Trp	Tyr	Ser	Val	Leu	Glu	Lys	Asp	Ser	Val	Thr	Leu	Lys	Cys	Gln		
		35					40				45						
Gly	Ala	Tyr	Ser	Pro	Glu	Asp	Asn	Ser	Thr	Gln	Trp	Phe	His	Asn	Glu		
	50				55					60							
Asn	Leu	Ile	Ser	Ser	Gln	Ala	Ser	Ser	Tyr	Phe	Ile	Asp	Ala	Ala	Thr		
65					70				75					80			
Val	Asn	Asp	Ser	Gly	Glu	Tyr	Arg	Cys	Gln	Thr	Asn	Leu	Ser	Thr	Leu		
			85					90				95					
Ser	Asp	Pro	Val	Gln	Leu	Glu	Val	His	Ile	Gly	Trp	Leu	Leu	Gln			
		100						105				110					
Ala	Pro	Arg	Trp	Val	Phe	Lys	Glu	Glu	Asp	Pro	Ile	His	Leu	Arg	Cys		
		115					120				125						
His	Ser	Trp	Lys	Asn	Thr	Ala	Leu	His	Lys	Val	Thr	Tyr	Leu	Gln	Asn		
	130					135					140						
Gly	Lys	Asp	Arg	Lys	Tyr	Phe	His	His	Asn	Ser	Asp	Phe	His	Ile	Pro		
145					150				155						160		
Lys	Ala	Thr	Leu	Lys	Asp	Ser	Gly	Ser	Tyr	Phe	Cys	Arg	Gly	Leu	Val		
				165				170						175			
Gly	Ser	Lys	Asn	Val	Ser	Ser	Glu	Thr	Val	Asn	Ile	Thr	Ile	Thr	Gln		
			180					185				190					
Gly	Leu	Ala	Val	Ser	Thr	Ile	Ser	Ser	Phe	Ser	Pro	Pro	Gly	Tyr	Gln		
		195					200				205						
Val	Ser	Phe	Cys	Leu	Val	Met	Val	Leu	Leu	Phe	Ala	Val	Asp	Thr	Gly		
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225					230												

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