

SEQUENCE LISTING

<110> UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF
HIGHER EDUCATION
THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE
DEPARTMENT OF VETERANS AFFAIRS
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<120> FBXO3 INHIBITORS

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<150> US 61/657,423

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<160> 1

<170> PatentIn version 3.5

<210> 1

<211> 471

<212> PRT

<213> Homo sapiens

<220>

<221> MISC_FEATURE

<222> (278)..(400)

<223> ApaG motif

<400> 1

Met Ala Ala Met Glu Thr Glu Thr Ala Pro Leu Thr Leu Glu Ser Leu
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Pro Thr Asp Pro Leu Leu Leu Ile Leu Ser Phe Leu Asp Tyr Arg Asp
20 25 30

Leu Ile Asn Cys Cys Tyr Val Ser Arg Arg Leu Ser Gln Leu Ser Ser
35 40 45

His Asp Pro Leu Trp Arg Arg His Cys Lys Lys Tyr Trp Leu Ile Ser
50 55 60

Glu Glu Glu Lys Thr Gln Lys Asn Gln Cys Trp Lys Ser Leu Phe Ile
65 70 75 80

Asp Thr Tyr Ser Asp Val Gly Arg Tyr Ile Asp His Tyr Ala Ala Ile
85 90 95

Lys Lys Ala Trp Asp Asp Leu Lys Lys Tyr Leu Glu Pro Arg Cys Pro
100 105 110

Arg Met Val Leu Ser Leu Lys Glu Gly Ala Arg Glu Glu Asp Leu Asp
115 120 125

Ala	Val	Glu	Ala	Gln	Ile	Gly	Cys	Lys	Leu	Pro	Asp	Asp	Tyr	Arg	Cys	130	135	140	
Ser	Tyr	Arg	Ile	His	Asn	Gly	Gln	Lys	Leu	Val	Val	Pro	Gly	Leu	Leu	145	150	155	160
Gly	Ser	Met	Ala	Leu	Ser	Asn	His	Tyr	Arg	Ser	Glu	Asp	Leu	Leu	Asp	165	170	175	
Val	Asp	Thr	Ala	Ala	Gly	Gly	Phe	Gln	Gln	Arg	Gln	Gly	Leu	Lys	Tyr	180	185	190	
Cys	Leu	Pro	Leu	Thr	Phe	Cys	Ile	His	Thr	Gly	Leu	Ser	Gln	Tyr	Ile	195	200	205	
Ala	Val	Glu	Ala	Ala	Glu	Gly	Arg	Asn	Lys	Asn	Glu	Val	Phe	Tyr	Gln	210	215	220	
Cys	Pro	Asp	Gln	Met	Ala	Arg	Asn	Pro	Ala	Ala	Ile	Asp	Met	Phe	Ile	225	230	235	240
Ile	Gly	Ala	Thr	Phe	Thr	Asp	Trp	Phe	Thr	Ser	Tyr	Val	Lys	Asn	Val	245	250	255	
Val	Ser	Gly	Gly	Phe	Pro	Ile	Ile	Arg	Asp	Gln	Ile	Phe	Arg	Tyr	Val	260	265	270	
His	Asp	Pro	Glu	Cys	Val	Ala	Thr	Thr	Gly	Asp	Ile	Thr	Val	Ser	Val	275	280	285	
Ser	Thr	Ser	Phe	Leu	Pro	Glu	Leu	Ser	Ser	Val	His	Pro	Pro	His	Tyr	290	295	300	
Phe	Phe	Thr	Tyr	Arg	Ile	Arg	Ile	Glu	Met	Ser	Lys	Asp	Ala	Leu	Pro	305	310	315	320
Glu	Lys	Ala	Cys	Gln	Leu	Asp	Ser	Arg	Tyr	Trp	Arg	Ile	Thr	Asn	Ala	325	330	335	
Lys	Gly	Asp	Val	Glu	Glu	Val	Gln	Gly	Pro	Gly	Val	Val	Gly	Glu	Phe	340	345	350	
Pro	Ile	Ile	Ser	Pro	Gly	Arg	Val	Tyr	Glu	Tyr	Thr	Ser	Cys	Thr	Thr	355	360	365	
Phe	Ser	Thr	Thr	Ser	Gly	Tyr	Met	Glu	Gly	Tyr	Tyr	Thr	Phe	His	Phe	370	375	380	

Leu Tyr Phe Lys Asp Lys Ile Phe Asn Val Ala Ile Pro Arg Phe His
385 390 395 400

Met Ala Cys Pro Thr Phe Arg Val Ser Ile Ala Arg Leu Glu Met Gly
405 410 415

Pro Asp Glu Tyr Glu Glu Met Glu Glu Glu Glu Glu Glu Glu Glu Glu
420 425 430

Glu Asp Glu Asp Asp Asp Ser Ala Asp Met Asp Glu Ser Asp Glu Asp
435 440 445

Asp Glu Glu Glu Arg Arg Arg Arg Val Phe Asp Val Pro Ile Arg Arg
450 455 460

Arg Arg Cys Ser Arg Leu Phe
465 470