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Friday September 20, 2024

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span>DAIAENYKNQQYFNEPELRDLLLQV</p></div>

an>ARGLKYIHGMSLVHMDIKPSNIFI

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Sep 20, 24 23:06

[illegible]

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-----TRI--IGKKINRSVSLTIY*
S.salar_LOC100380819_weellike_protein_kinase_isoform_X1 M---

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[illegible]

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=I>RQ>R>L>DFNQS>---DG>E>D>D>-----GN>N>SIG>A>E>S>->

S--L-----AE-----MD>SPVQSPRHN>SNFN>QD-----VCNG</s

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SDRVL---T-----R-S--TLRS-----SRS-----SRL--IGRK<span style="color:dimgray;background-color:bl

ue;">MNRSVS-----LT-----I-----Y*
D.rerio_weel_weellike_protein_kinase M---SFGA---GR--HG-----K

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D.rerio_weel_weellike_protein_kinase **M---**

-----SFGAAGRHGKSPNLKPVRQK

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156/1020

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MLIQNEYCNGGTLSDVIAENNRRMH

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S.salar_LOC106561062_weellike_protein_kinase_1A M---
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>LQ--SPSSA----IFMTG--SPAS---PRKNSQV--Y

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<F>DLIKHPVLLTA-ARMSADLLRVEL

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S.salar_LOC106584610_weellike_protein_kinase_1A <**span** style="color:dimgray;"></**span**><**span** style="color:dimgray;background-color:gray;"></**span**><**span** style="color:dimgray;background-color:blue;">M</**span**><**span** style="color:dimgray;background-color:gray;">---
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>HELRDSVAKRLE-----HSSPLNRTGERGD

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L**F****D****T****P****-****H****T****P****K****S****L****L****N****K****A****R****T****A****S****S****V****S****S****S**

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-----KELKL-----AQIA-KAAAEE--KVLSTDRVL---

T-----**R****S**--**T****V****Q****P**-----**N**-----
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G.aculeatus_LOC120812640_weellike_protein_kinase M-----SSLS-----RHRHGS-----PSPRV

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G**A****V****F****K****C****V****K****R****L****D****G****C****I****Y****A****I****K****R****S****K****K****P****L****A**

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ISQKSVSSCDECDDEGVTTSVVY

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G.aculeatus_weel_weellike_protein_kinase M---
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SGDDDVELWDEESF-GSPTH---LR--SP

R**S****V****I****F****A****N****C****S****P****S****P****R****K****A****S****R****L****Y****G****G****S****P****E**

RSYVQ--DDGEGSSS---PI---PDCPDTPPHK

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GR**R**Q**T**P**H**V**N**F**N**P**F**T**P**D**S**L**L**I**Q**S**A**

GEDEVLP--PSKRITM-----MESNMMSRYA

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an>G**s**p**a**n>T**s**p**a**n>L**s**p**a**n>**s**p**a**n>R**s**p**a**n>E**s**p**a**n>A**s**p**a**n>E**s**p**a**n>K**s**p**a**n>A**s**p**a**n>P**s**p**a**n>K**s**p**a**n>**s**p**a**n>E**s**p**a**n>F**s**p**a**n>V**s**p**a**n>Y**s**p**a**n>S**s**p**a**n>**s**p**a**n>P**s**p**a**n>Q**s**p**a**n>V**s**p**a**n>N**s**p**a**n>I**s**p**a**n>N

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D**P****E****K****R****P****S****S****V****A****L****V****K****H****S****V****L****L****S****A****-****S****R****K****S****A**

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STG**E**D**S**-**A**-**F**-----**Q****E**-----**P****D****S****P****L****P****P****A****R****S****T****E****P**

GPERRSPGPAPGSPGELEDMLL

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n *style="color:dimgray;background-color:olive;"*>GS--GD--ASP---RGCGAR--RA-SEGPCS---PP---P<span *style="color:dimgray;background-color:purple"*

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L**Q****E****N****Y****T****H****L****P****K****A****D****I****F****A****L****T****V****V****C****A****A****G**

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S**V****Q**

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E.caballus_WEE1_weellike_protein_kinase

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G**H****S****T****G****E****D****S****A****F****Q****E****P****D****S****P****L****P****A****R****S****P****T**

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>S>K>V>V>F>K>I>G>D>L>G>H>V>T>R>I>S>S>P>Q>V>E>E>G>D

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RT-----SRL--TGKKMNRSVS-----LT-----I-----Y*

C.mydas_WEE1_weellike_protein_kinase_isoform_X1

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G.gallus_WEE1_weellike_protein_kinase_isoform_X1 M---

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G**A****A****R****W****E****A****E****A****T****G****V****G****T**

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D.rerio_wee2_weellike_protein_kinase_2_isoform_2 M---

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n **E****R****V****P****S****V****N****I****N****P****F****T****P****D****T****V****R****R****N****S****E****H****Y****K****R**

K-SQRSDDE-DYGPRSKEIQNS-SED

[illegible]

E**L****A****C****I****G****V****G****E****F****G****S****V****Y****R****C****V****K****R****L****D****G****C****M**

Y A I K R S R R P I A G S A N E Q L A L K E V Y A

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LPKADIFALGTVLLAAGSPLPQ

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YTPKSLLYKTLPS---PGSRVH--CRG-QRL

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596/1020


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H.sapiens_WEE2_weellike_protein_kinase_2
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602/1020

605/1020

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GNFPD-VPQELS>E<S<F<S<L<KNMIQPD

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<div data-bbox="30 242 972 326" data-label="Text">
<p>H.sapiens_WEE2_weellike_protein_kinase_2M---</p></div>
<div data-bbox="30 350 972 925" data-label="Text">
<p>-----DDK-----</p>
<p>---DIDKELRQKLNFSY</p></div>
<div data-bbox="23 934 202 959" data-label="Page-Footer">
<p>Friday September 20, 2024</p></div>
<div data-bbox="270 934 723 959" data-label="Page-Footer">
<p>/home/bio312-user/lab04-s3-jmim/Mygene/Mygene.homologs.al.html</p></div>
<div data-bbox="908 934 979 958" data-label="Page-Footer">
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C.mydas_PKMYT1_membraneassociated_tyrosine_and_threoninespecific_M---

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S.townsendi_PKMYT1_membraneassociated_tyrosine_and_threoninespeci M---
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>SRLGRGSFGEVYKVRHDERRSLWKA</p></div>

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P**N****C****V****S****F****V****Q****A****W****E****E****R****G****Q****L****Y****I****Q****T****E****L****C****P****G**

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S**P****F****R****G****E****S****D****R****Q****R****K****L****Q****E****V****R****K****H****E****R****V****G****E**

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T**H****R****N****L****T****Y****H****G****Q****E****L****I****G****R****H****S****P****D****L****R****S****R****P**

859/1020

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-----SGF--VDAEVQR-----SSFLPRNLL--SMF-----DD--

----AT-----E-----Q*
C.carcharias_pkmyt1_membraneassociated_tyrosine_and_threoninespec M-----
-----GD-----
-----S-H-L-----TR-----
-----TP----IP--VP

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915/1020

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920/1020

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927/1020

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937/1020

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945/1020

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ray;">VERAKSITEAWNHELHPHPYILG

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100^	120^	140^	160^
180^	200^	220^	240^
260^	280^	300^	320^
340^	360^	380^	400^
420^	440^	460^	480^

500^	520^	540^	560^
580^	600^	620^	640^
660^	680^	700^	720^
740^	760^	780^	800^
820^	840^	860^	880^
900^	920^	940^	960^
980^	1000^	1020^	1040^
1060^	1080^	1100^	1120^

Number of sequences: 42
Alignment width: 1132
Sequence type: aa

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