**S1 Dataset:** Amino acid sequence of contigs putatively involved in enzymatic activities linked to the starch and sucrose metabolism pathway and detected by GO terms analysis in FASTA format

*Reticulitermes flavipes*

>Contig3835\_1

FEGKELRLKQEYFMCAATLQDITRRFKSSKFGCRNPVRTSFDTFPEKV

>Contig4371\_1

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>Contig7394\_1

AAVISGWGESQACCSCMELTFTSGPISGKKLLVQVTNTGGD

>Contig10548\_1

FIDSLATLNLPGWGYGLMYSFGMFKQTIGPDGSQMEIPDYWLDF

>Contig22618\_1

FAGSDFAQFIKGMGYMDTLTRRETNNPAAIIAALIYALKEKIGFKNMIVLCYSEFMREFAHYLQQLYMESLGKEYKIDGSPAHVGQTVFGGVGTGEQHSFMQQVQKGLSDCYVRLIFFEKRHEDFVNQQAGSMGRQH

>Contig34736\_1

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>Contig48119\_1

RKPTVSYPVFFYGRSENGIWHPSLTIIAVANDFLIP

>Contig50822\_1

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>Contig64397\_1

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>Contig68799\_1

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>Contig78085\_1

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>Contig91310\_1

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>Contig101609\_1

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>Contig102352\_1

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>Contig117744\_2

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>Contig119817\_1

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>Contig139502\_1

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>Contig147456\_1

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>Contig164320\_1

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>Contig211082\_1

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>Contig212758\_1

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>Contig218172\_1

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>Contig218952\_1

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>Contig263043\_1

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>Contig267937\_1

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>Contig277043\_1

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>Contig283554\_1

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>Contig289734\_1

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>Contig302727\_1

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>Contig304485\_1

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>Contig306521\_1

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>Contig322184\_1

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>Contig332231\_1

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>Contig332820\_1

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>Contig333730\_1

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>Contig349337\_1

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>Contig352330\_1

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>Contig368545\_1

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>Contig374743\_1

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*Reticulitermes grassei*

>Contig74988\_1

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>Contig78073\_1

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>Contig92994\_2

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>Contig172544\_1

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>Contig205800\_1

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>Contig227517\_1

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>Contig261629\_1

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>Contig280625\_1

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>Contig298067\_1

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>Contig300110\_1

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>Contig419536\_1

REDYENAQVFRTEAERQNHYTQLKTAAESGWDFSTRWYITNSTHKGSLTDTMTQYIIPVELNAILCWNAQLLSEFYNTLDMANKTVQYRRLADLWLEAVDNVLWHDEVGIWLDYDLINGVKHNHFYPTNLAPLWTGCFTRRDLQVGKIMKYLEHSQIMMYLGGIPTSLEHSGEQWDYPNAWPPLQYIMIMALEATEDVWAHDLAVEVATRWVRSNFKTFNESHVMYEKYDATFPGGHGTGGEYVNQIGFGWTNGVILELLDKYSQLLTVEDDLFTTERGWQHRPLCTHSASSS

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>Contig437682\_1

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>Contig494784\_1

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>Contig510511\_1

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>Contig518755\_1

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>Contig522161\_1

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>Contig524123\_1

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*Reticulitermes lucifugus*

>Contig6289\_1

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>Contig10951\_1

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>Contig47295\_1

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>Contig86821\_1

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>Contig118930\_1

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>Contig121835\_1

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>Contig165115\_1

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>Contig168347\_1

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>Contig185587\_1

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>Contig235336\_1

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>Contig261215\_1

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>Contig278689\_1

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>Contig373089\_1

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>Contig399136\_1

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>Contig431315\_1

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>Contig446659\_1

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>Contig455311\_1

MSRDRASRRFYRVESQNELLAYMDKGEMASCQNRWTFEAAWEVANKVGGIYTVIRSKAYVSTEEMGDQYCLLGPYKEHSARTEVEESDFTGPLHIAVSKMREQGFKIHTGMWLVDGNPQIILFDIGSGAWKMDVYKQELWNKCNLGIPHLDVEANDAVILGYMVAQFIEEFRKVAEEYSDYVPRIVAHFHEWQAGVGLIALRTRHVDVATVFTTHATLLGRYLCAGNIDFYNNLDKFAVDEEAGKRQIYHRYCMERAASHLAHVFTTVSEITGYEAEHLLKRKADVITPNGLNVKKFSALHEFQNLHAISKDKIHEFVRGHFYGHYDFDLDKTLYFFIAGRYEFGNKGADVFIEALARLNHYLKSSHSDTTVVAFLIFPAVTNNFNVESLRGHAVTKSLRDTLNDIQQKMGKRMYEVCLSGRLPNPNELLQKDDMVKIKRCIYALQRDGLPPITTHNVVDDWKDPVLNAVRRCQLFNTIHDRVKIVFHPEFLSSTNPLFGLDYEEFVRGCHLGVFPSYYEPWGYTPAECTVMGIPSITTNLSGFGCFMQEHIADPMSYGIYVVDRRYIALEASIQQLARYMYDFTKLNRRQRIIQRNRTERLSDLLDWRNLGIYYRQARMRALQKVYSDLDLDDDASVGRFNYPRPISEPSSPSSSRHTTPAASRHGSDDEDEVDEEKELEELGVNSNDHASR