

**Table S2. KOG functional annotation of *V. nonalfalae* predicted secretome**

<b>KOG accession</b>	<b>KOG description</b>	<b>Number of hits</b>
<b>CELLULAR PROCESSING AND SIGNALING</b>		<b>159</b>
M	cell wall/membrane/envelope biogenesis	14
N	cell motility	0
O	posttranslational modification, protein turnover, chaperones	85
T	signal transduction mechanisms	32
U	intracellular trafficking, secretion, and vesicular transport	11
V	defense mechanisms	3
W	extracellular structures	10
Y	nuclear structure	0
Z	cytoskeleton	4
<b>METABOLISM</b>		<b>138</b>
C	energy production and conversion	25
D	cell cycle control, cell division, chromosome partitioning	2
E	amino acid transport and metabolism	15
F	nucleotide transport and metabolism	5
G	carbohydrate transport and metabolism	44
H	coenzyme transport and metabolism	2
I	lipid transport and metabolism	17
P	inorganic ion transport and metabolism	15
Q	secondary metabolites biosynthesis, transport and catabolism	13
<b>INFORMATION STORAGE AND PROCESSING</b>		<b>23</b>
A	RNA processing and modification	5
B	chromatin structure and dynamics	3
J	translation, ribosomal structure and biogenesis	8
K	transcription	4
L	replication, recombination and repair	3
<b>POORLY CHARACTERIZED</b>		<b>85</b>
R	general function prediction only	65
S	function unknown	20