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Identification and expression of complement component $C8\alpha$, $C8\beta$ and $C8\gamma$ gene in half-smooth tongue sole (*Cynoglossus semilaevis*) and $C8\alpha$ recombinant protein antibacterial activity analysis

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1 **Identification and expression of complement component *C8 α* , *C8 β***
2 **and *C8 γ* gene in half-smooth tongue sole (*Cynoglossus semilaevis*) and**
3 ***C8 α* recombinant protein antibacterial activity analysis**

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21 **Abbreviations:**

22 *C8 α* gene of *Cynoglossus semilaevis* (*CsC8 α*), *C8 β* gene of *Cynoglossus semilaevis*
23 (*CsC8 β*), *C8 γ* gene of *Cynoglossus semilaevis* (*CsC8 γ*), open reading frame (ORF),
24 membrane attack complex (MAC), MAC/perforin (MACPF), untranslated region
25 (UTR), platelet thrombospondin (TSP1), low density lipoprotein receptor A (LDLa),
26 epidermal growth factor (EGF)

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