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臺灣產彈塗魚（鱸目，鰕虎科）之遺傳變異

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總共有278尾的中國彈塗魚從臺灣六個地區包括淡水、宜蘭、台南、大甲、大肚及澎湖採集並藉由澱粉膠電泳法來估計其遺傳上分歧度之程度，14個同功酶中共得到二十二個基因座 (loci) 及四十七個等位基因 (alleles)，其Nei氏平均遺傳相似值為0.996（其值介於0.993-0.999之間）代表具有高度相似的蛋白質結構，多型性基因 (polymorphic loci)，在0.95水準範圍從0.0909到0.2727平均值為0.1742，期望平均異型結合數 (expected heterozygosity) 從0.028到0.065平均值為0.051，而各族群之間的平均分化度的 F_s 值僅為0.0235，結果顯示大多數的族群並不符合哈溫平衡，可能是由於某些因素例如土壤中的重金屬含量影響此結果。

關鍵詞：彈塗魚，同功酶多型性，遺傳變異與環境變化相關性。