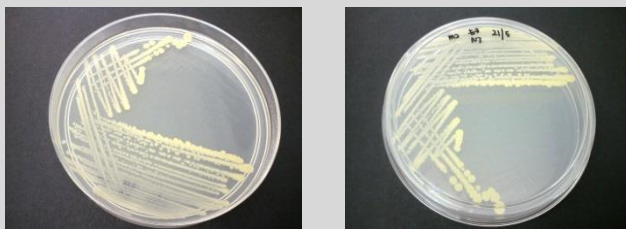


## ***Bacillus* sp. CCB-MMP221**

### **Colony morphology**

Beige colony; 3 mm size; circular; entire; raised; smooth; glistening; opaque



### **Gram-stain**

Positive, rod

### **Isolation medium**

Nutrient agar (NA) + 50% Artificial sea water (ASW)

### **Growth condition**

Aerobic; pH 7; 28±2°C; 24-48hrs

### **Sampling date, location, source**

15 May 2014; Matang Mangrove Forest, Perak (4.85496°E, 100.73495°N); Sediment

### **Biochemistry/ Physiology**

No

### **16s rRNA gene analysis (EzBioCloud/N CBI)**

Top-hit taxon *Bacillus haikouensis*

Top-hit strain C-89(T)

Similarity (%) 99.42%

Top-hit taxonomy Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae; *Bacillus*

### **Publication**

No

### **Application**

No

### **Isolated by**

Siti Nur Fatin binti Ahmad Kamal

### **Risk group**

2

### **Additional information**

## ***Bacillus* sp. CCB-MMP215**

<b>Colony morphology</b>	Beige colony; 4 mm size; circular; curled; umbonate; glistening; opaque 
<b>Gram-stain</b>	
<b>Isolation medium</b>	Nutrient agar (NA) + 50% Artificial sea water (ASW)
<b>Growth condition</b>	Aerobic;pH7;28±2°C; 24-48hrs
<b>Sampling date, location, source</b>	15 May 2014; Matang Mangrove Forest, Perak (4.85496°E, 100.73495°N); Sediment
<b>Biochemistry/ Physiology</b>	No
<b>16s rRNA gene analysis(EzBioCloud/N CBI)</b>	Top-hit taxon <i>Bacillus vietnamensis</i>
	Top-hit strain      B-23890(T)
	Similarity (%)      99.36%
	Top-hit taxonomy    Bacteria;Firmicutes;Bacilli;Bacillales; Bacillaceae; <i>Bacillus</i>
<b>Publication</b>	No
<b>Application</b>	No
<b>Isolated by</b>	Siti Nur Fatin binti Ahmad Kamal
<b>Risk group</b>	2
<b>Additional information</b>	