

IV. KESIMPULAN DAN SARAN

A. KESIMPULAN

Berdasarkan hasil penelitian yang telah dilakukan, bakteri dari genus *Lactobacillus* yang terdapat pada saluran pencernaan *Pongo pygmaeus* adalah *L. johnsonii* dan *L. taiwanensis*, sedangkan bakteri dari genus *Bifidobacterium* yang terdapat pada saluran pencernaan *Pongo pygmaeus* antara lain *B. angulatum*, *B. merycicum*, dan *B. dentium*.

B. SARAN

Saran yang diperlukan dalam penelitian ini maupun penelitian serupa antara lain sebagai berikut.

1. Proses identifikasi secara molekuler, khususnya untuk lactobacilli, lebih baik diawali dengan isolasi pada medium spesifik. Hal tersebut dikarenakan populasi lactobacilli pada feses tergolong sangat rendah sehingga pemberian nutrisi dari medium spesifik akan membantu memelihara stabilitas lactobacilli sampai proses ekstraksi.
2. Selain pada bakteri dari genus *Lactobacillus*, isolasi pada medium spesifik bakteri dari genus *Bifidobacterium* juga perlu dilakukan sebagai uji lanjutan sehingga pengaruh jumlah bakteri terhadap tingkat depresi dapat diketahui.

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Lampiran 1. Hasil Sekuensing *Lactobacillus* spp.