

## UPAB1 PLASMID LACKING PAB5

---

[Di Venanzio, Gisela, Feldman, Mario](#)

[Jungers, Courtney](#)

T-019205

An UPAB1 derivative, UPAB1p-, that spontaneously loss pAB5 was identified by detection of restored Hcp secretion and isolated via an ELISA.

Compared to wildtype UPAB1, UPAB1p- displayed comparable growth in vitro in both rich medium and urine from healthy donors, indicating that less pAB5 did not influence bacterial growth. However, UPAB1p- displayed increased susceptibility to multiple antibiotics.

**Publication:** [Urinary tract colonization is enhanced by a plasmid that regulates uropathogenic \*Acinetobacter baumannii\* chromosomal genes](#)