

## Supplementary Materials

**Table S1.** Main characteristics of the probiotic products studied.

Tradename	Dosage Form	Species	Claim of Viable Cells per Unit	Other Active Substances and Excipients	Manufacturer (Country)
Baciginal Activ®	Vaginal tablets	<i>L. acidophilus</i>	10 <sup>9</sup>	Lactic acid, mannitol, croscarmellose sodium, vegetal magnesium stearate	NTC (Italy)
Baciginal Is®	Vaginal tablets	<i>L. acidophilus</i>	5 × 10 <sup>8</sup>	Lactic acid, soy extract standardized to 40% isoflavones, mannitol, starch, carboxymethyl cellulose, glycerol behenate and silicon dioxide	NTC (Italy)
Gynoflor®	Vaginal tablets	<i>L. acidophilus</i>	10 <sup>7</sup>	Estriol, lactose, microcrystalline cellulose, magnesium stearate, sodium starch glycolate and disodium hydrogenphosphate.	Medinova (Switzerland)
Gynophilus®	Vaginal capsules	<i>L. rhamnosus</i>	10 <sup>9</sup>	Lactose monohydrate	Probionov (Austria)
Isadin α barcilus®	Vaginal capsules	<i>L. plantarum</i> P17630	10 <sup>8</sup>	Medium chain triglycerides, colloidal silica; Coating: gelatine, glycerol, dimethylpolysiloxane AK 1000, titanium dioxide E171, p-oxybenzoate sodium acetate, sodium propyl p-oxybenzoate.	Proge Farme (Italy)
Pregyn-S®	Vaginal tablets	<i>L. acidophilus</i>	5 × 10 <sup>8</sup>	Lactic acid, soy isoflavones, mannitol, starch, carboxymethyl cellulose, glycerol behenate and silicon dioxide.	S.I.I.T.(Italy)