

Table S1. *Enzyme screening and degradability of polymers*

Enzyme	Polymer		
	PBS	PBSPDGS <i>block</i>	PBSPDGS <i>random</i>
<i>E1</i>	-	-	-
<i>E2</i>	-	+	+++
<i>E3</i>	-	-	-
<i>E4</i>	-	-	-
<i>E5</i>	-	-	-

E1: lipase from *Candida rugosa*; *E2*: lipase from *Candida cylindracea*, *E3*: lipase from hog pancreas; *E4*: lipase from *Aspergillus niveus*; *E5*: α -Chymotrypsin from porcine pancreas.