Pattern	Longest avoiding cube-free word u	$|u|$
xxyyxy	010100101101001011010010011001100	33
xyxxyx	00110101100101001101011001001101100101001101011001010011	56
xyxyyx	001100100110110010011011001001011	33
xyyxxy	0011011010010100101101100	25
xyxxyyx	0011001100100101101001011010010100101101100	43