## Supplementary Information



Figure S1. A schematic diagram illustrating the experimental geometry



Figure S2 Upper panel, optical rotatory dispersion spectra of left- (dotted) and right- (solid) handed substrates. Lower panel, extinction spectra of left-handed substrate. Spectra were collected in reflection using light which was unpolarised.

## Table S1. Selection Rules for coefficients in equation 9.

Coefficient	Chirally sensitive	Zero for achiral substrates
α <sub>p</sub>	NO	NO
β <sub>p</sub>	YES	NO
γρ	NO	NO
δ <sub>p</sub>	YES	YES
ε <sub>p</sub>	YES	YES
α <sub>s</sub>	YES	YES
βs	YES	NO
γs	YES	YES
$\delta_{s}$	YES	YES
ε <sub>s</sub>	YES	YES