

## SUPPLEMENTARY INFORMATION

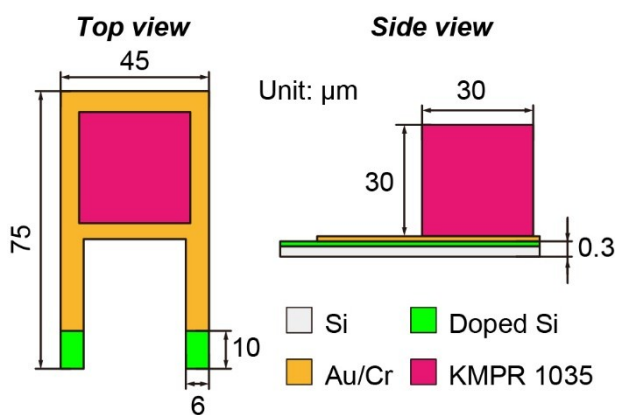


Figure S1 Design parameters of a piezoresistive cantilever.

Table 1. Viscosity of the prepared liquid samples.

Water - glycerol solution	Viscosity (mPa·s)
Water	0.97
Glycerol 17%	1.93
Glycerol 25%	2.39
Glycerol 33%	2.98
Glycerol 50%	6.79
Glycerol 70%	30.70