Supporting Information

Robust and sensitive flexible strain sensor based on polyurethane cross-linked composite hydrogels for human motion detection

Xiao Wen, Haibo Wang, Erhui Ren, Shuang Wang*, Junhuai Xu*

College of Biomass Science and Engineering, Sichuan University, Chengdu 610065, P. R. China.

*Corresponding Authors:
E-mail: xujunhuaiup@163.com (Junhuai Xu), wangshuang930108@163.com (Shuang Wang)

Fig. S1 Synthesis route of DPU

Fig. S2 Stress-strain curve of PPMD-0.5 hydrogel without MXene
Fig. S3 Cyclic loading–unloading curves of PPMD-0.5 hydrogel under 80% compressive strain for 10 cycles

Fig. S4 The resistance change of PPMD-0.5 hydrogel during loading and unloading