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**Supporting information for article:** 

Dislocation substructures in pure aluminium after creep deformation as studied by the electron backscatter diffraction technique

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Fig. S1. (a) EBSD orientation map of the grip region at x250 magnification showing the location of the different regions analysed at x2000 magnification. KAM-angle maps for: (b) the blue-<111> grain located in R4, (c) the magenta-<113> grain located in R4, (d) the blue-<111> grain located in R5, (e) the red-<001> grain located in R5, (f) the red-<001>-1 grain located in R6, (g) the red-<001>-2 grain located in R6, (h) the red-<001> grain located in R7, (i) the blue-<111> grain located in R8, and (j) the blue-<111> grain located in R9. (k) KAM-angle histograms of the preceding grains.

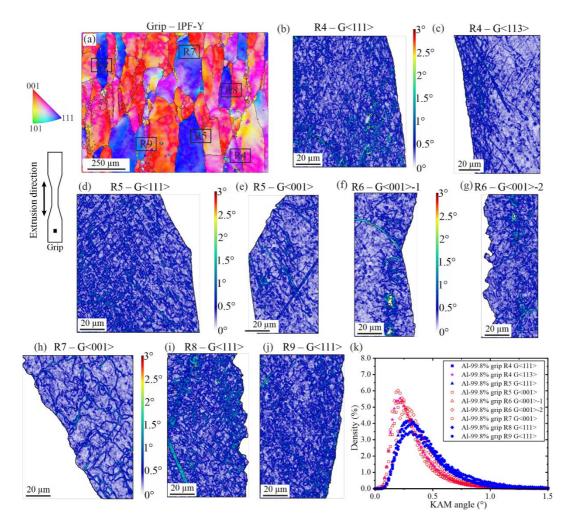


Fig. S2. (a) EBSD orientation map of the 21 MPa gauge region at x250 magnification showing the location of the different regions analysed at x2000 magnification. KAM-angle maps for: (b) the red-<001> grain located in R4, (c) the blue-<111>-1 grain located in R4, (d) the blue-<111>-2 grain located in R4, (e) the magenta-<113> grain located in R5, (f) the blue-<111> grain located in R6, (g) the cyan-<122>- grain located in R8, and (h) the light-blue-<344> grain located in R8. (i) KAM-angle histograms of the preceding grains.

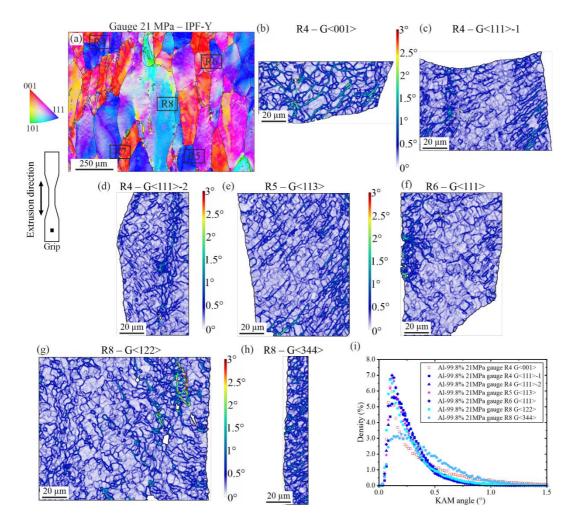


Fig. S3. (a) EBSD orientation map of the 29 MPa gauge region at x250 magnification showing the location of the different regions analysed at x2000 magnification. KAM maps for: (b) the red-<001>-1 grain located in R4, (c) the magenta+yellow<113>+<012> grain located in R4, (d) the magenta-<113>-1 grain located in R4, (e) the magenta-<113>-2 grain located in R4, (f) the blue-<111> grain located in R5, (g) the magenta-<113> grain located in R5, (h) the magenta-<113> grain located in R6, (i) the red-<001> grain located in R7, and (j) the blue-<111> grain located in R8. (k) KAM-angle histograms of the preceding grains.

