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Supplement

EDS mapping results:

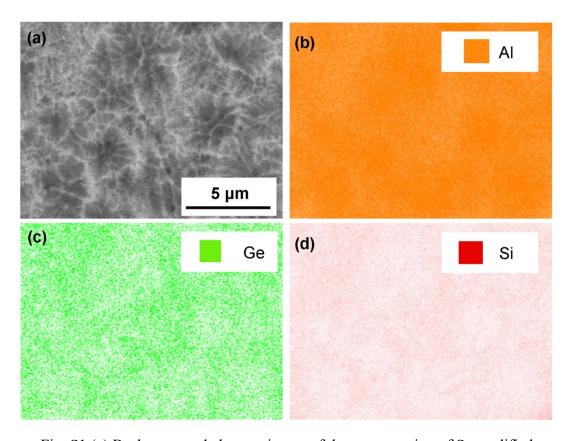


Fig. S1 (a) Back-scattered electron image of the cross-section of Sr-modified $Al_{84.23}Si_{9.46}Ge_{6.31}$ ribbon and corresponding EDS mappings of (b) Al, (c) Ge and (d) Si.