Superconductivity in bilayer graphene intercalated by alkali and alkaline earth metals

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Fig. S1: Electronic band structures of the C₆KC₆, C₆CaC₆, C₆RbC₆ and C₆SrC₆ (black lines) and pristine bilayer graphene (red lines) along the Γ-M-K-Γ high-symmetry path through the Brillouin zone. The bilayers are kept at the same distances even in the absence of intercalants. The Fermi level is set to be zero.

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Fig. S2: Phonon dispersion curves along the high-symmetry directions of the Brillouin zone of the C₆KC₆, C₆CaC₆, C₆RbC₆ and C₆SrC₆ (black lines) and pristine bilayer graphene (red lines). The bilayers are kept at the same distances even in the absence of intercalants.