Supporting information for:

**Magnetic frustration in partially ordered double perovskites Ln3Ni2RuO9 (Ln = La, Nd)**

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**Fig. S1.** PXRD patterns of Li3Ni2RuO6, LaOCl and La3Ni2RuO9.



**Fig. S2.** Rietveld refinement of PXRD pattern obtained for La3Ni2RuO9 at room temperature. Observed (o), calculated (red line), and difference (bottom blue line) profiles are shown. The vertical bars indicate Bragg reflections (|).



**Fig. S3.** Rietveld refinement of PXRD pattern obtained for Nd3Ni2RuO9 at room temperature. Observed (o), calculated (red line), and difference (bottom blue line) profiles are shown. The vertical bars indicate Bragg reflections (|).