

Supplementary Information file

Metabolism and biochemical properties of nicotinamide adenine dinucleotide (NAD) analogs, nicotinamide guanine dinucleotide (NGD) and nicotinamide hypoxanthine dinucleotide (NHD)

Keisuke Yaku¹, Keisuke Okabe^{1,2}, Maryam Gulshan¹, Kiyoshi Takatsu^{3,4}, Hiroshi Okamoto^{5,6}, Takashi Nakagawa^{1,7}

¹Department of Metabolism and Nutrition, Graduate School of Medicine and Pharmaceutical Science for Research, University of Toyama, Toyama 930-0194, Japan

²First Department of Internal Medicine, Graduate School of Medicine and Pharmaceutical Science for Research, University of Toyama, Toyama 930-0194, Japan

³Toyama Prefectural Institute for Pharmaceutical Research, Toyama 939-0363, Japan

⁴Department of Immunobiology and Pharmacological Genetics, Graduate School of Medicine and Pharmaceutical Science for Research, University of Toyama, Toyama 930-0194, Japan

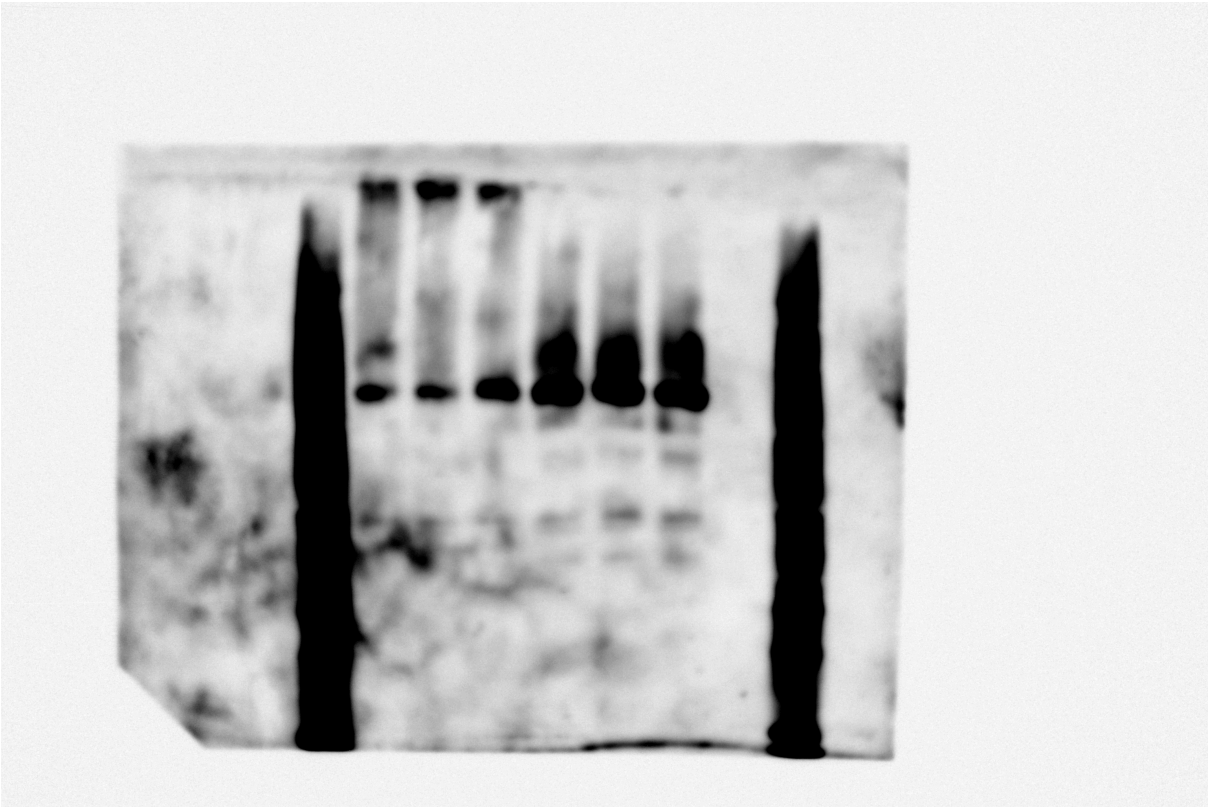
⁵Department of Biochemistry, Tohoku University Graduate School of Medicine, Sendai 980-8575, Japan

⁶Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences, Kanazawa 920-8640, Japan

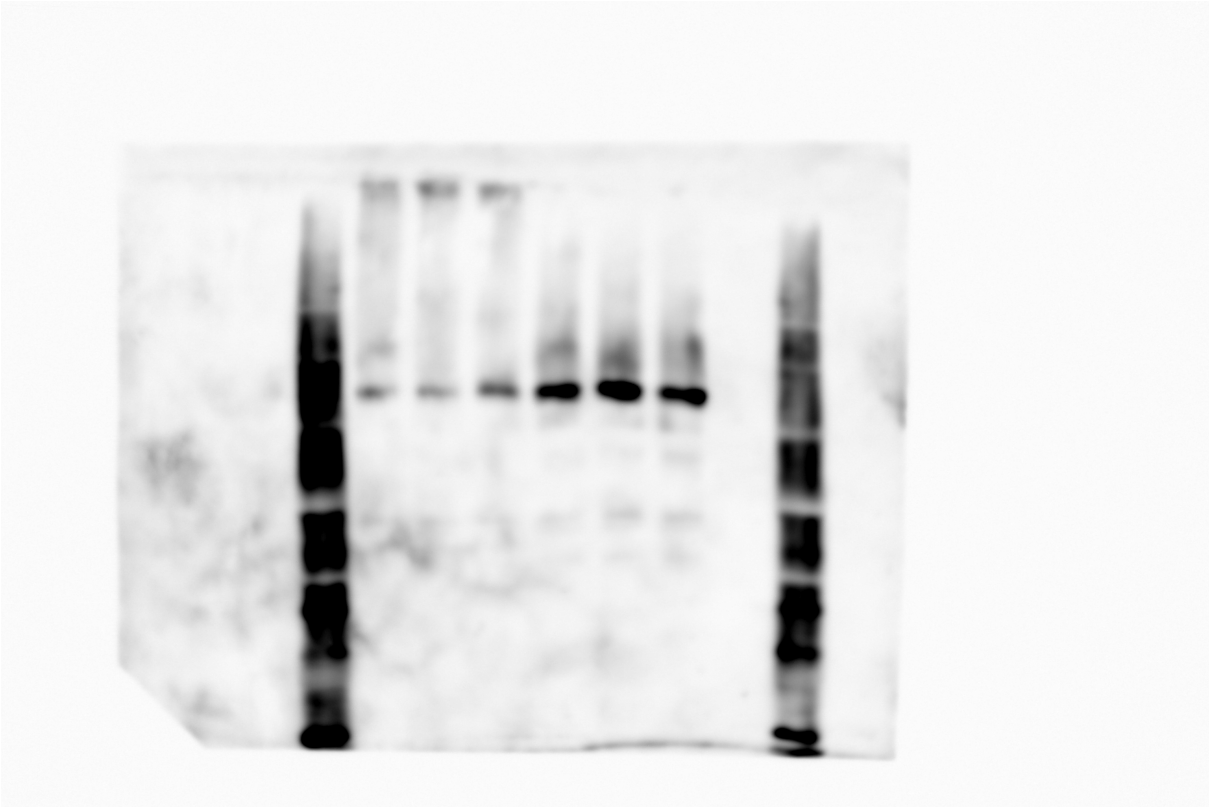
⁷Institute of Natural Medicine, University of Toyama, Toyama 930-0194, Japan

Supplementary Figure 1

A



B



Supplementary Figure Legend

Supplementary Figure 1.

(A) Original gel image corresponded to Figure 5A. (B) Shorter exposure gel image corresponded to Figure 5A.