

Supplemental Table 1: Evolution of SCNIR Patients to Lymphoproliferative Disorders

Patient #	Diagnosis at Enrollment	FACS*, Pre G-CSF	FACS, Most current, on G-CSF	Patient Evolved To:
1	Idiopathic / Autoimmune	Monoclonal T cell population detected, T cell predominance	Not Tested	T-cell Lymphoma Disorder
2	Idiopathic / Autoimmune	No clonal population detected	Clonal T cell receptor gene rearrangement detected	T-cell Lymphoproliferative Disorder
3	Idiopathic / Autoimmune	Not Tested	Predominantly T-cells, CD57+	T-cell Lymphoproliferative Disorder
4	Idiopathic / Autoimmune	Not Tested	Not Tested	Non Hodgkins Lymphoma
5	Idiopathic / Autoimmune	Not Tested	Normal CD8+ cells	Non Hodgkins Lymphoma
6	Idiopathic / Autoimmune	Not Tested	Increase CD8+ cells	T-cell Lymphoproliferative Disorder
7	Idiopathic / Autoimmune	T-cell gene rearrangements negative	T-cell gene rearrangements negative	T-cell Lymphoproliferative Disorder
8	Idiopathic / Autoimmune	Flow negative	No aberrant T cells, NK cells 25%	Multiple Myeloma
9	Idiopathic / Autoimmune	36% lymphocytes	Increase CD8+ cells	T-cell Lymphoproliferative Disorder
10	Idiopathic / Autoimmune	Not Tested	Increase CD8+ cells	T-cell Lymphoproliferative Disorder
11	Idiopathic / Autoimmune	No immunophenotypic evidence of clonal cell population	No immunophenotypic evidence of lymphoproliferative disorder	T-cell Lymphoproliferative Disorder
12	Idiopathic / Autoimmune	Lymphoid aggregates, possible B cell neoplasm	Not Tested	Non Hodgkins Lymphoma
13	Lymphoproliferative / LGL†	Not Tested	Increase CD8+ cells	Primary diagnosis: Lymphoproliferative Disorder
14	Lymphoproliferative / LGL	T cells normal expression	Large # Polyclonal cells, mixed CD4+ and CD8+	Primary diagnosis: Lymphoproliferative Disorder
15	Lymphoproliferative / LGL	Not Tested	Increase CD8+ cells	Primary diagnosis: Lymphoproliferative Disorder
16	Lymphoproliferative / LGL	T-cell clonality detected, clonal rearrangement detected	Abnormal T cell population	Primary diagnosis: Lymphoproliferative Disorder

17	Lymphoproliferative / LGL	Aberrant CD7+ expression by monocytes	Not Tested	Primary diagnosis: Lymphoproliferative Disorder
18	Lymphoproliferative / LGL	Not Tested	T-NK cells, CD8+ cells	Primary diagnosis: Lymphoproliferative Disorder
19	Lymphoproliferative / LGL	Not Tested	Increase CD8+ cells	Primary diagnosis: Lymphoproliferative Disorder
20	Lymphoproliferative / LGL	T-cell gene rearrangements positive	T-cell clonality detected, Increase CD8+ cells	Primary diagnosis: Lymphoproliferative Disorder
21	Lymphoproliferative / LGL	Flow consistent with LGL / T suppressor cell lymphoproliferative disorder	Not Tested	Primary diagnosis: Lymphoproliferative Disorder
22	Lymphoproliferative / LGL	Not Tested	Not Tested	Primary diagnosis: Lymphoproliferative Disorder
23	Lymphoproliferative / LGL	Not Tested	Not Tested	Non Hodgkins Lymphoma
24	Lymphoproliferative / LGL	Not Tested	30% T8 cells	Primary diagnosis: Lymphoproliferative Disorder

*FACS – Fluorescence-activated cell sorter

†LGL – Large granular lymphocyte syndrome