

Supplementary Information

Table S1. Differential expressed miRNAs in VZV- infected patients compared with controls.

Detector	$\Delta\Delta Ct$
hsa-miR-508-5p-4395203	-16.34
hsa-miR-122-4395356	-12.77
hsa-miR-132-4373143	-12.58
hsa-miR-495-4381078	-11.55
hsa-miR-10a-4373153	-11.33
hsa-miR-425-4380926	-10.82
hsa-miR-133a-4395357	-10.67
hsa-miR-197-4373102	-10.55
hsa-miR-204-4373094	-10.54
hsa-let-7a-4373169	-10.38
hsa-miR-369-3p-4373032	-8.95
hsa-miR-487b-4378102	-8.55
hsa-miR-10b-4395329	-8.06
hsa-miR-220-4373078	-7.98
hsa-miR-342-5p-4395258	-7.78
hsa-miR-1-4395333	-7.48
hsa-miR-374b-4381045	-7.28
hsa-miR-452-4395440	-7.14
hsa-miR-363-4378090	-7.09
hsa-miR-302b-4378071	-7.06
hsa-miR-493-4395475	-6.94
hsa-let-7e-4395517	-6.94
hsa-miR-512-3p-4381034	-6.86
hsa-miR-433-4373205	-6.81
hsa-miR-500-4395539	-6.37
hsa-miR-551b-4380945	-6.23
hsa-miR-502-3p-4395194	-6.06
hsa-miR-598-4395179	-6.02
hsa-miR-376b-4373196	-5.97
hsa-miR-211-4373088	-5.92
hsa-miR-26a-4395166	-5.89
hsa-miR-885-5p-4395407	-5.85
hsa-miR-542-3p-4378101	-5.77
hsa-miR-16-4373121	-5.75
hsa-miR-518e-4395506	-5.64
hsa-miR-374a-4373028	-5.62
hsa-miR-518f-4395499	-5.53
hsa-miR-362-5p-4378092	-5.48
hsa-miR-367-4373034	-5.47
hsa-miR-519d-4395514	-5.28
hsa-miR-195-4373105	-5.28
hsa-miR-150-4373127	-5.20
hsa-miR-627-4380967	-5.18

Table S1. *Cont.*

Detector	$\Delta\Delta Ct$
hsa-miR-183-4395380	-5.14
hsa-miR-20a-4373286	-5.02
hsa-let-7g-4395393	-4.94
hsa-miR-486-3p-4395204	-4.92
hsa-miR-652-4395463	-4.88
hsa-miR-139-5p-4395400	-4.86
hsa-miR-223-4395406	-4.82
hsa-miR-496-4386771	-4.81
hsa-miR-365-4373194	-4.74
hsa-miR-20b-4373263	-4.73
hsa-miR-379-4373349	-4.70
hsa-miR-93-4373302	-4.62
hsa-miR-369-5p-4373195	-4.61
hsa-let-7b-4395446	-4.61
hsa-miR-26b-4395167	-4.56
hsa-miR-339-3p-4395295	-4.52
hsa-miR-501-5p-4373226	-4.49
hsa-miR-362-3p-4395228	-4.46
hsa-miR-454-4395434	-4.35
hsa-miR-15b-4373122	-4.35
hsa-miR-873-4395467	-4.29
hsa-miR-17-4395419	-4.29
hsa-miR-342-3p-4395371	-4.23
hsa-miR-126-4395339	-4.18
hsa-miR-483-5p-4395449	-4.15
hsa-miR-30b-4373290	-4.15
hsa-miR-491-5p-4381053	-4.12
hsa-miR-30c-4373060	-4.10
hsa-miR-192-4373108	-4.08
hsa-miR-886-5p-4395304	-4.06
hsa-miR-24-4373072	-4.05
hsa-miR-330-3p-4373047	-4.00
hsa-miR-186-4395396	-4.00
hsa-miR-125a-5p-4395309	-3.99
hsa-miR-340-4395369	-3.97
hsa-miR-886-3p-4395305	-3.95
hsa-miR-376c-4395233	-3.95
hsa-miR-19a-4373099	-3.93
hsa-miR-222-4395387	-3.91
hsa-miR-142-5p-4395359	-3.82
hsa-miR-106a-4395280	-3.81
hsa-miR-484-4381032	-3.79
hsa-miR-185-4395382	-3.71
hsa-miR-660-4380925	-3.68

Table S1. *Cont.*

Detector	$\Delta\Delta Ct$
hsa-miR-29b-4373288	-3.67
hsa-miR-28-3p-4395557	-3.65
hsa-miR-18a-4395533	-3.63
hsa-miR-146a-4373132	-3.62
hsa-miR-629-4395547	-3.59
has-miR-155-4395459	-3.58
hsa-miR-324-3p-4395272	-3.58
hsa-miR-590-5p-4395176	-3.56
hsa-miR-140-3p-4395345	-3.54
hsa-miR-628-5p-4395544	-3.53
hsa-miR-19b-4373098	-3.47
hsa-miR-28-5p-4373067	-3.44
hsa-miR-191-4395410	-3.43
hsa-miR-199a-3p-4395415	-3.43
hsa-miR-21-4373090	-3.41
hsa-miR-618-4380996	-3.40
hsa-miR-34a-4395168	-3.39
hsa-miR-489-4395469	-3.39
hsa-miR-140-5p-4373374	-3.38
hsa-miR-532-5p-4380928	-3.37
hsa-miR-146b-5p-4373178	-3.37
hsa-miR-182-4395445	-3.34
hsa-miR-298-4395301	-3.33
hsa-miR-193b-4395478	-3.32
hsa-miR-100-4373160	-3.29
hsa-miR-518a-3p-4395508	-3.29
hsa-miR-92a-4395169	-3.27
hsa-miR-655-4381015	-3.25
hsa-miR-486-5p-4378096	-3.23
hsa-miR-532-3p-4395466	-3.22
hsa-miR-451-4373360	-3.21
hsa-miR-181c-4373115	-3.16
hsa-miR-199a-5p-4373272	-3.14
hsa-miR-494-4395476	-3.12
hsa-miR-410-4378093	-3.10
hsa-miR-194-4373106	-3.10
hsa-miR-450b-3p-4395319	-3.09
hsa-miR-345-4395297	-2.96
hsa-miR-142-3p-4373136	-2.95
hsa-miR-361-5p-4373035	-2.94
hsa-miR-320-4395388	-2.94
hsa-miR-335-4373045	-2.92
hsa-miR-148b-4373129	-2.87
hsa-miR-337-5p-4395267	-2.81

Table S1. Cont.

Detector	$\Delta\Delta Ct$
hsa-miR-200c-4395411	-2.73
hsa-miR-423-5p-4395451	-2.71
hsa-miR-143-4395360	-2.69
hsa-miR-29a-4395223	-2.68
hsa-miR-106b-4373155	-2.66
hsa-miR-331-3p-4373046	-2.62
hsa-miR-455-5p-4378098	-2.62
hsa-miR-296-5p-4373066	-2.62
hsa-miR-99b-4373007	-2.57
hsa-miR-708-4395452	-2.57
hsa-miR-9-4373285	-2.55
hsa-miR-373-4378073	-2.54
hsa-miR-221-4373077	-2.54
hsa-miR-485-3p-4378095	-2.53
hsa-miR-328-4373049	-2.44
hsa-miR-130b-4373144	-2.42
hsa-miR-145-4395389	-2.42
hsa-miR-574-3p-4395460	-2.42
hsa-miR-101-4395364	-2.39
hsa-miR-517c-4373264	-2.37
hsa-miR-205-4373093	-2.30
hsa-miR-25-4373071	-2.28
hsa-miR-411-4381013	-2.28
hsa-miR-134-4373299	-2.27
hsa-miR-128-4395327	-2.24
hsa-miR-301b-4395503	-2.22
hsa-let-7d-4395394	-2.22
hsa-miR-203-4373095	-2.20
hsa-miR-503-4373228	-2.17
hsa-miR-27a-4373287	-2.16
hsa-miR-625-4395542	-2.15
hsa-miR-744-4395435	-2.13
hsa-miR-331-5p-4395344	-2.08
hsa-miR-545-4395378	-2.06
hsa-miR-579-4395509	-2.02
hsa-miR-636-4395199	-2.02
hsa-let-7c-4373167	-2.00
hsa-miR-340*-4395370	-10.71
hsa-miR-605-4386742	-9.64
hsa-miR-145*-4395260	-9.32
hsa-miR-7-1*-4381118	-9.04
hsa-miR-15a*-4395530	-8.58
hsa-miR-30d*-4395416	-7.60
hsa-miR-100*-4395253	-6.91

Table S1. *Cont.*

Detector	$\Delta\Delta Ct$
hsa-miR-214*-4395404	-6.79
hsa-miR-943-4395299	-6.61
hsa-miR-541*-4395311	-6.33
hsa-miR-629*-4380969	-6.25
hsa-miR-543-4395487	-6.20
hsa-miR-768-3p-4395188	-5.78
hsa-miR-411*-4395349	-5.73
hsa-miR-9*-4395342	-5.29
hsa-miR-19a*-4395535	-5.13
hsa-miR-599-4380962	-4.95
hsa-miR-624*-4380964	-4.64
hsa-miR-144*-4395259	-4.57
hsa-miR-18a*-4395534	-4.51
hsa-miR-656-4380920	-4.43
hsa-miR-26a-1*-4395554	-4.35
hsa-miR-29c*-4381131	-4.32
hsa-miR-551b*-4395457	-4.32
hsa-miR-29a*-4395558	-4.29
hsa-miR-126*-4373269	-4.21
hsa-miR-27a*-4395556	-4.05
hsa-miR-223*-4395209	-3.64
hsa-miR-425*-4395413	-3.58
hsa-miR-148b*-4395271	-3.46
hsa-miR-923-4395264	-3.38
hsa-let-7f-1*-4395528	-3.24
hsa-miR-610-4380980	-3.24
hsa-miR-190b-4395374	-3.17
hsa-miR-942-4395298	-3.13
hsa-miR-30e-4395334	-3.00
hsa-miR-99a*-4395252	-2.76
hsa-miR-30a-4373061	-2.74
hsa-miR-638-4380986	-2.72
hsa-miR-26b*-4395555	-2.69
hsa-miR-30d-4373059	-2.62
hsa-miR-30e*-4373057	-2.34
hsa-miR-30a*-4373062	-2.33
hsa-miR-93*-4395250	-2.26
hsa-miR-151-3p-4395365	-2.19
hsa-miR-632-4380977	-2.10
hsa-miR-136*-4395211	-2.00
hsa-miR-517b-4373244	2.03
hsa-miR-302c-4378072	2.23
hsa-miR-519a-4395526	2.38
hsa-miR-196b-4395326	2.50

Table S1. *Cont.*

Detector	$\Delta\Delta Ct$
hsa-miR-188-3p-4395217	3.31
hsa-miR-509-5p-4395346	3.33
hsa-miR-193a-3p-4395361	3.38
hsa-miR-383-4373018	3.59
hsa-miR-570-4395458	3.79
hsa-miR-516b-4395172	4.00
hsa-miR-502-5p-4373227	4.34
hsa-miR-302a-4378070	4.37
hsa-miR-449a-4373207	4.55
hsa-miR-184-4373113	4.71
hsa-miR-582-3p-4395510	5.19
hsa-miR-138-4395395	7.52
hsa-miR-382-4373019	8.16
hsa-miR-548b-5p-4395519	8.41
hsa-miR-302c*-4373277	2.76
hsa-miR-92a-1*-4395248	2.94
hsa-miR-581-4386744	2.98
hsa-miR-563-4380940	3.17
hsa-miR-374b*-4395502	3.48
hsa-miR-922-4395263	3.50
hsa-miR-34b*-4373037	3.61
hsa-miR-374a*-4395236	3.93
hsa-miR-604-4380973	4.24
hsa-miR-630-4380970	4.96
hsa-miR-589*-4380953	5.04
hsa-miR-509-3p-4395347	6.91
hsa-miR-770-5p-4395189	7.95
hsa-miR-566-4380943	11.71

The different Ct value between two groups was calculated by $\Delta\Delta Ct$ method: $\Delta Ct_{\text{patient}} = Ct_{\text{target miRNA}} - Ct_{\text{cel-miR-238}}$;

$\Delta Ct_{\text{control}} = Ct_{\text{target miRNA}} - Ct_{\text{cel-miR-238}}$; $\Delta\Delta Ct = \Delta Ct_{\text{patient}} - \Delta Ct_{\text{control}}$.

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